

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
 Data File : BG044416.D
 Acq On : 12 Feb 2020 19:47
 Operator : CG/JU
 Sample : L1491-08MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MS

Manual Integrations
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 2/13/2020 3:33:55 PM

Quant Time: Feb 13 02:55:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	84813	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	348341	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	219622	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	479372	20.00	ng	0.00
76) Chrysene-d12	21.53	240	455431	20.00	ng	0.00
87) Perylene-d12	24.62	264	488650	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	521335	108.48	ng	0.00
7) Phenol-d6	7.08	99	678195	105.09	ng	0.00
23) Nitrobenzene-d5	9.06	82	407751	66.08	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	259165	100.52	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	889022	67.79	ng	0.00
79) Terphenyl-d14	19.90	244	1384797	62.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	87901	40.710	ng	99
3) Pyridine	3.76	79	219259	38.115	ng	97
4) n-Nitrosodimethylamine	3.68	42	117195	48.754	ng	98
6) Aniline	7.22	93	244453	30.517	ng	100
8) 2-Chlorophenol	7.47	128	282339	53.457	ng	98
9) Benzaldehyde	7.04	77	120677	32.834	ng	98
10) Phenol	7.11	94	347181	54.360	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	255217	46.742	ng	97
12) 1,3-Dichlorobenzene	7.79	146	292990	46.462	ng	98
13) 1,4-Dichlorobenzene	7.94	146	292710	46.866	ng	99
14) 1,2-Dichlorobenzene	8.26	146	278292	47.141	ng	99
15) Benzyl Alcohol	8.14	79	227292	49.749	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	338182	45.761	ng	99
17) 2-Methylphenol	8.35	107	233944	51.340	ng	96
18) Hexachloroethane	8.99	117	107631	45.923	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	197125	45.834	ng	97
20) 3+4-Methylphenols	8.68	107	317801	50.606	ng	100
22) Acetophenone	8.72	105	376557	44.436	ng	99
24) Nitrobenzene	9.10	77	285014	47.316	ng	97
25) Isophorone	9.63	82	536460	46.648	ng	99
26) 2-Nitrophenol	9.82	139	156363	50.027	ng	98
27) 2,4-Dimethylphenol	9.88	122	259628	58.845	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	345688	45.060	ng	100
29) 2,4-Dichlorophenol	10.36	162	264884	49.651	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	280171	45.800	ng	99
31) Naphthalene	10.76	128	802550	47.487	ng	100
32) Benzoic acid	10.06	122	93423	36.827	ng	92
33) 4-Chloroaniline	10.86	127	113342	14.746	ng	97
34) Hexachlorobutadiene	11.05	225	167695	44.551	ng	98
35) Caprolactam	11.63	113	96377m	49.316	ng	
36) 4-Chloro-3-methylphenol	12.00	107	278974	49.876	ng	99
37) 2-Methylnaphthalene	12.37	142	585566	46.665	ng	99
38) 1-Methylnaphthalene	12.58	142	560659	47.392	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	292232	44.482	ng	99

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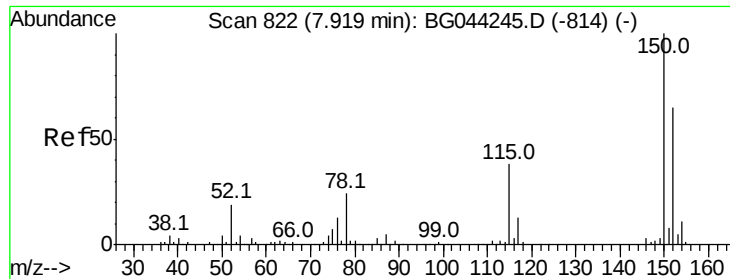
Manual Integrations
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 2/13/2020 3:33:55 PM

Quant Time: Feb 13 02:55:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	322186	102.207	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	206219	48.563	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	218533	50.385	ng	99
46) 1,1'-Biphenyl	13.38	154	737346	46.545	ng	99
47) 2-Chloronaphthalene	13.42	162	580067	46.015	ng	99
48) 2-Nitroaniline	13.62	65	170777	45.905	ng	98
49) Acenaphthylene	14.26	152	911520	49.299	ng	99
50) Dimethylphthalate	14.00	163	770410	48.800	ng	99
51) 2,6-Dinitrotoluene	14.11	165	167569	47.605	ng	98
52) Acenaphthene	14.60	154	556988	46.476	ng	98
53) 3-Nitroaniline	14.45	138	92367	23.718	ng	94
54) 2,4-Dinitrophenol	14.65	184	165540	79.428	ng	97
55) Dibenzofuran	14.94	168	868436	47.861	ng	100
56) 4-Nitrophenol	14.77	139	307601	107.831	ng	99
57) 2,4-Dinitrotoluene	14.90	165	237836	48.208	ng	99
58) Fluorene	15.59	166	692910	48.484	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	198985	50.791	ng	99
60) Diethylphthalate	15.37	149	738111	46.922	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	367898	47.477	ng	99
62) 4-Nitroaniline	15.61	138	173616	44.616	ng	98
63) Azobenzene	15.88	77	667169	48.392	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	137394	51.923	ng	99
66) n-Nitrosodiphenylamine	15.80	169	650866	48.449	ng	98
67) 4-Bromophenyl-phenylether	16.48	248	242832	46.496	ng	98
68) Hexachlorobenzene	16.60	284	266479	45.543	ng	100
69) Atrazine	16.75	200	250891	54.487	ng	100
70) Pentachlorophenol	16.95	266	270329	90.917	ng	97
71) Phenanthrene	17.33	178	1114775	48.024	ng	100
72) Anthracene	17.42	178	1149149	50.073	ng	100
73) Carbazole	17.69	167	1043184	49.307	ng	99
74) Di-n-butylphthalate	18.25	149	1278173	48.888	ng	100
75) Fluoranthene	19.34	202	1335567	49.736	ng	99
77) Benzidine	19.52	184	561784	44.471	ng	98
78) Pyrene	19.70	202	1329914	45.470	ng	99
80) Butylbenzylphthalate	20.59	149	597897	44.858	ng	99
81) Benzo(a)anthracene	21.51	228	1273174	45.359	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	237576	21.809	ng	99
83) Chrysene	21.58	228	1231474	45.390	ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	842945	45.948	ng	100
85) Di-n-octyl phthalate	22.60	149	1463035	46.091	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1600273	45.210	ng	100
88) Benzo(b)fluoranthene	23.65	252	1356696	48.182	ng	100
89) Benzo(k)fluoranthene	23.71	252	1339900	48.824	ng	100
90) Benzo(a)pyrene	24.48	252	1271296	47.752	ng	98
91) Dibenzo(a,h)anthracene	28.18	278	1306771	49.597	ng	99
92) Benzo(g,h,i)perylene	29.21	276	1338362	50.742	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

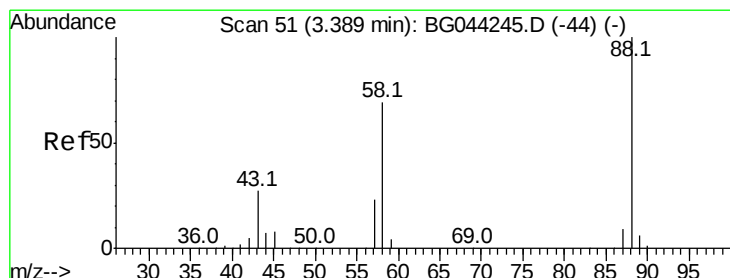
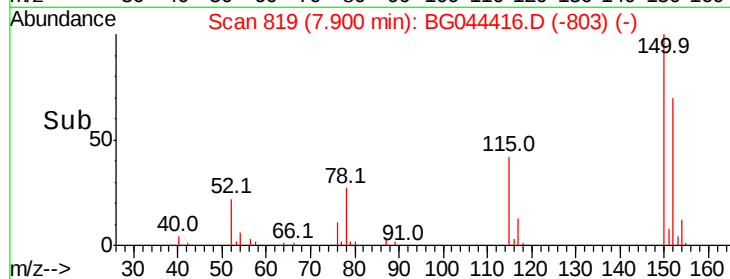
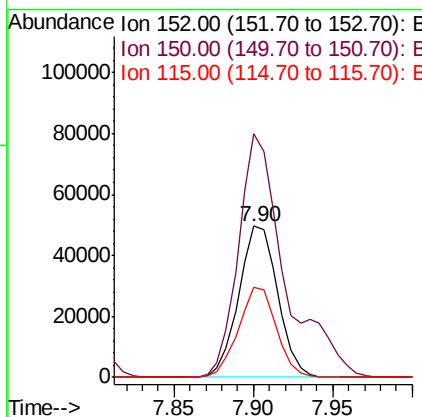
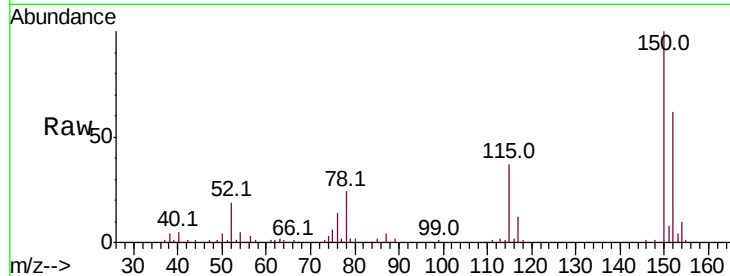
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	122.6	183.8
115	59.4	46.0	69.0

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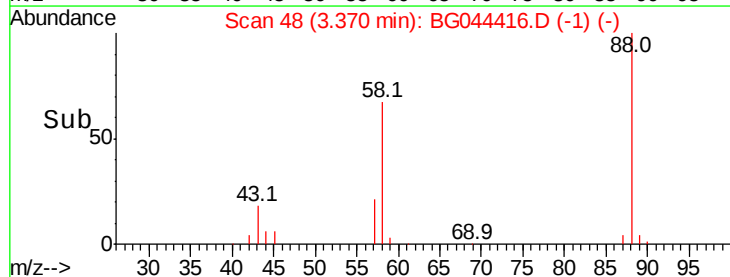
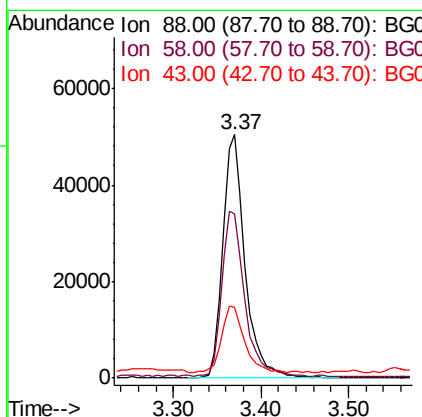
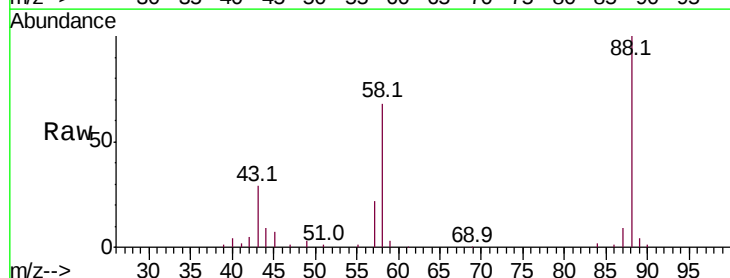
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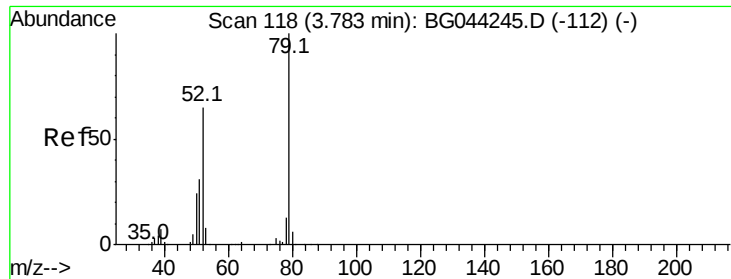


#2

1,4-Dioxane
 Concen: 40.710 ng
 RT: 3.37 min Scan# 48
 Delta R.T. 0.01 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	55.8	83.6
43	27.8	21.6	32.4





#3

Pvridine

Concen: 38.115 ng

RT: 3.76 min Scan# 115

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

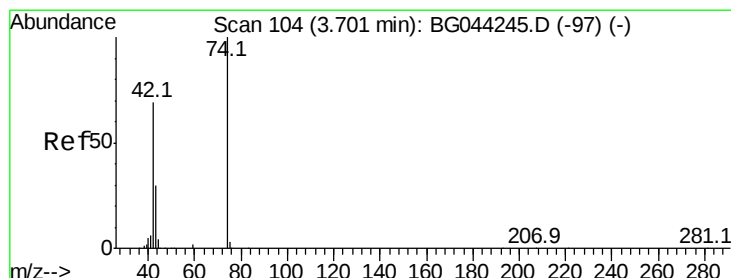
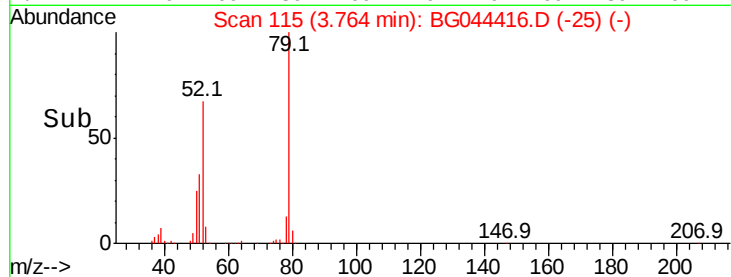
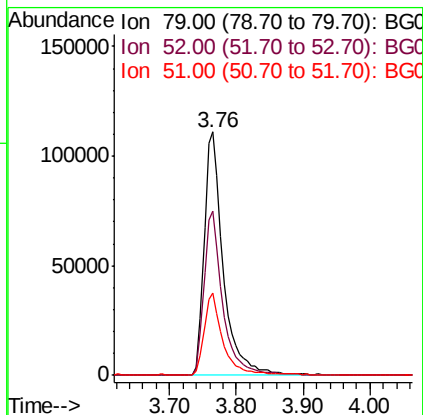
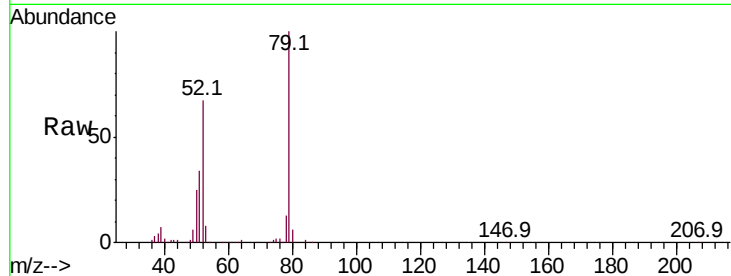
ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion:	79	Resp:	219259
Ion Ratio	Lower	Upper	
79	100		
52	67.2	51.9	77.9
51	33.7	25.3	37.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.754 ng

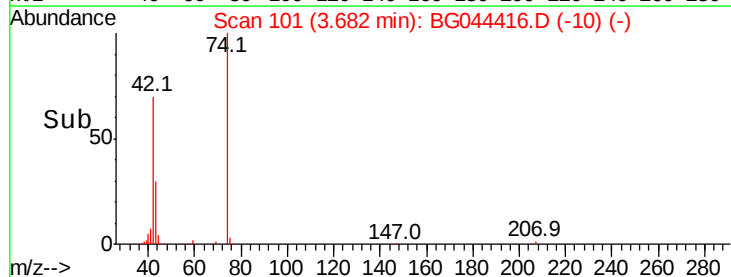
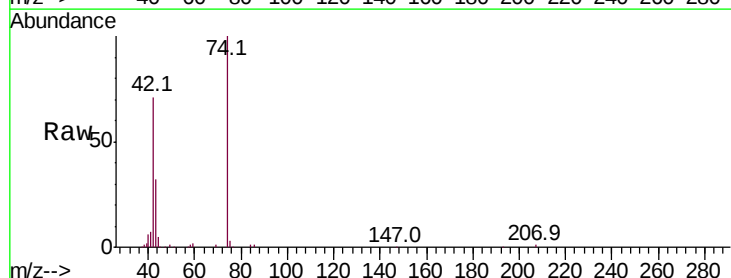
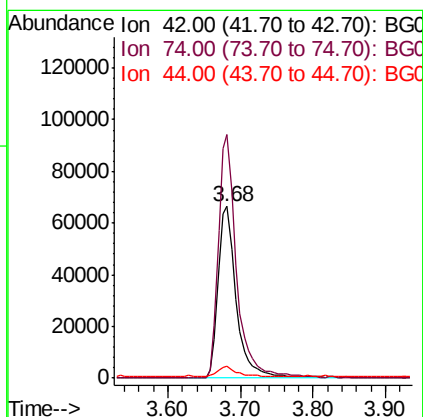
RT: 3.68 min Scan# 101

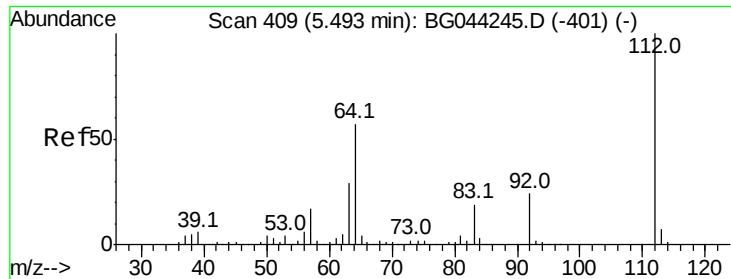
Delta R.T. 0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion:	42	Resp:	117195
Ion Ratio	Lower	Upper	
42	100		
74	141.6	115.1	172.7
44	7.3	5.6	8.4





#5

2-Fluorophenol

Concen: 108.483 ng

RT: 5.49 min Scan# 408

Delta R.T. 0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

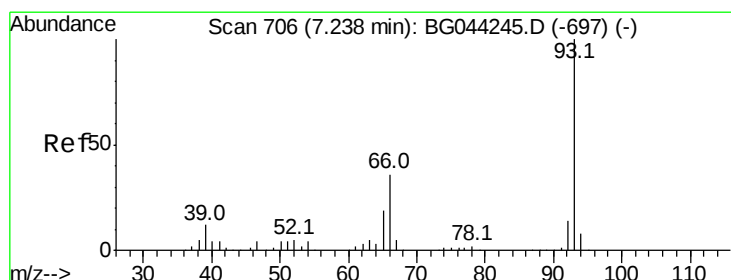
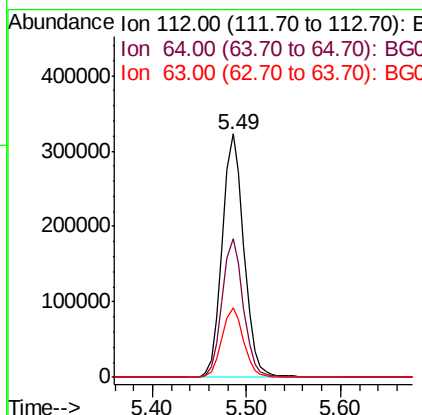
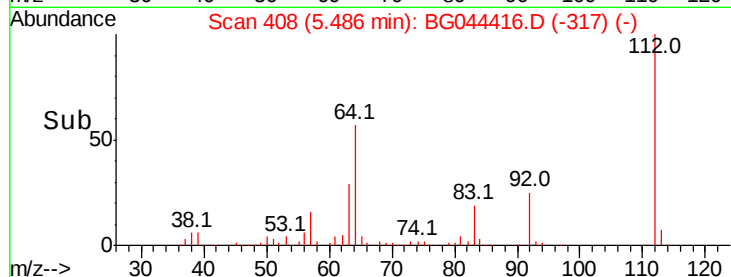
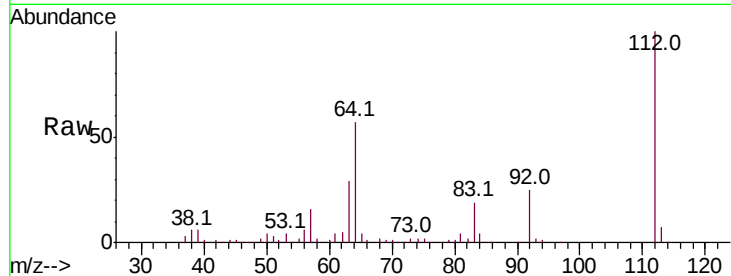
ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion:	112	Resp:	521335
Ion Ratio	Lower	Upper	
112	100		
64	56.8	45.4	68.2
63	28.7	22.9	34.3

Manual Integrations
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#6

Aniline

Concen: 30.517 ng

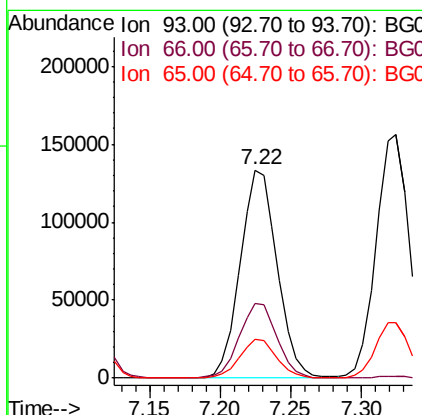
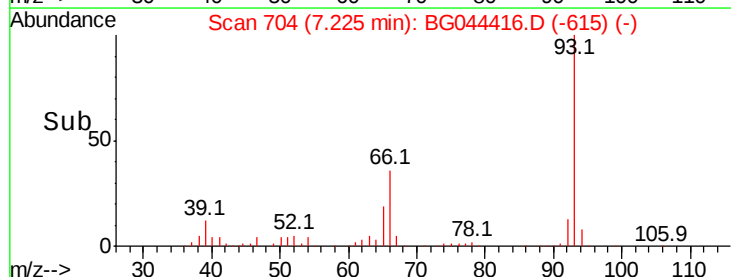
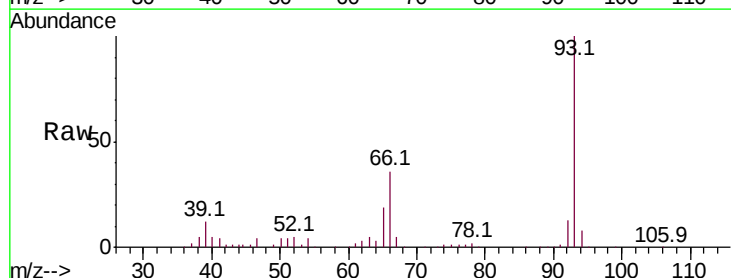
RT: 7.22 min Scan# 704

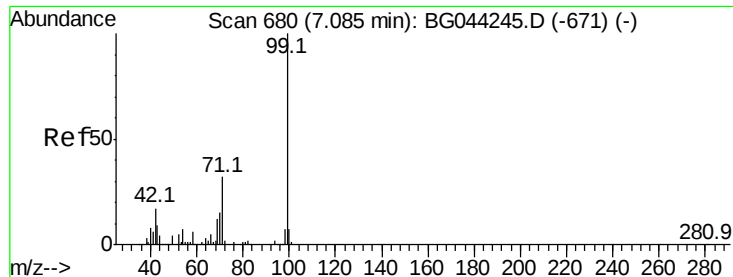
Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion:	93	Resp:	244453
Ion Ratio	Lower	Upper	
93	100		
66	36.0	28.7	43.1
65	18.8	15.4	23.0





#7

Phenol-d6

Concen: 105.092 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

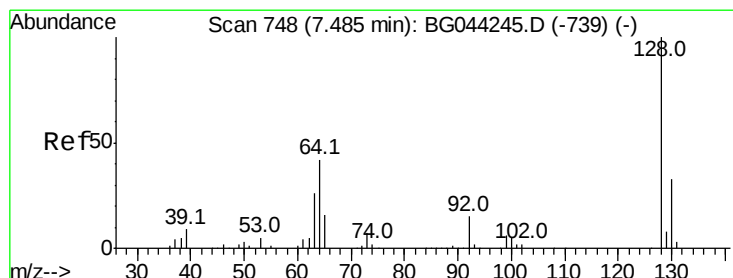
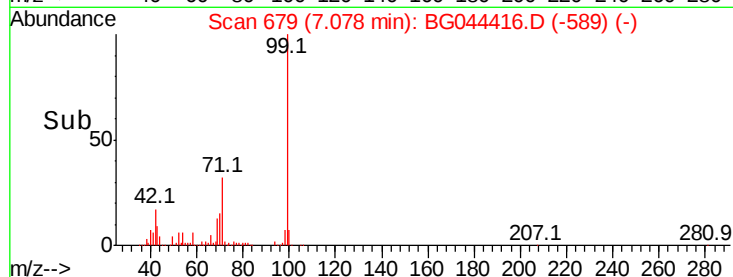
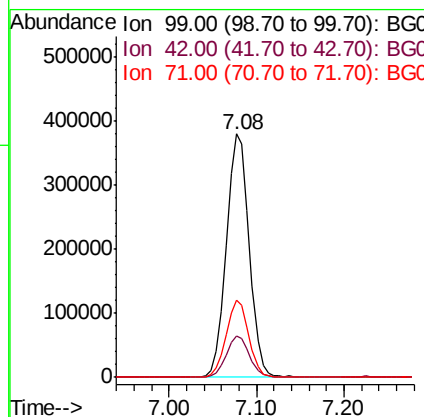
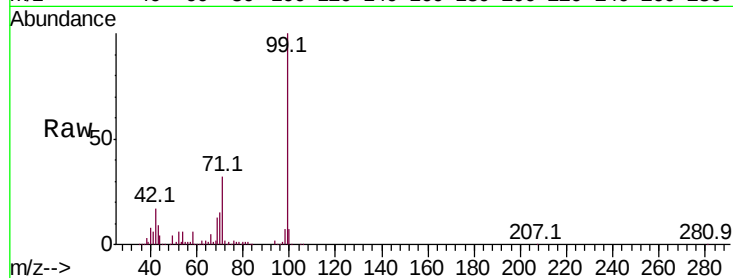
ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion	99	Resp	678195
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.8	20.6
71	31.8	25.5	38.3

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#8

2-Chlorophenol

Concen: 53.457 ng

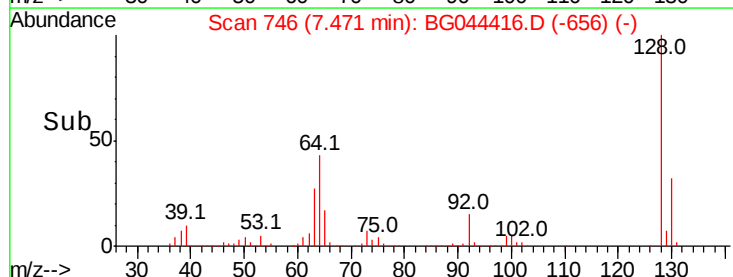
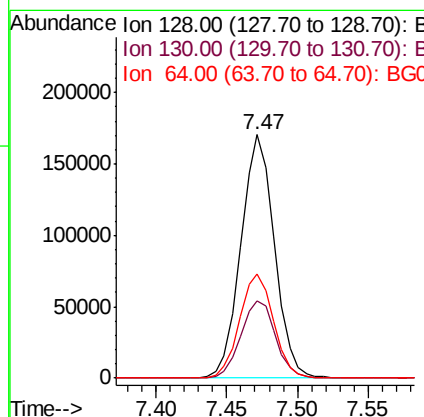
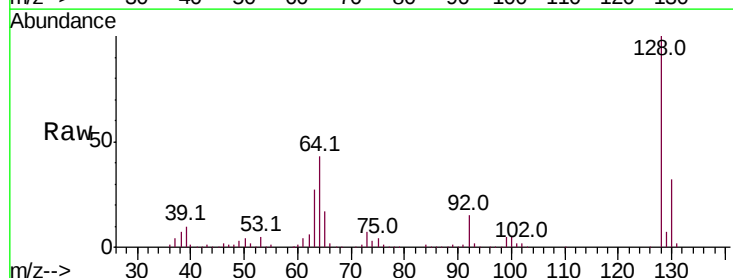
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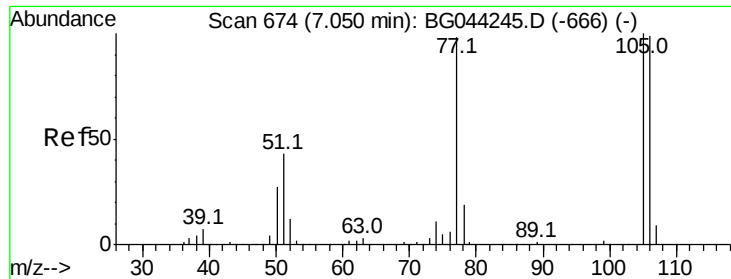
Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion	128	Resp	282339
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.5	52.5
64	42.8	24.2	64.2





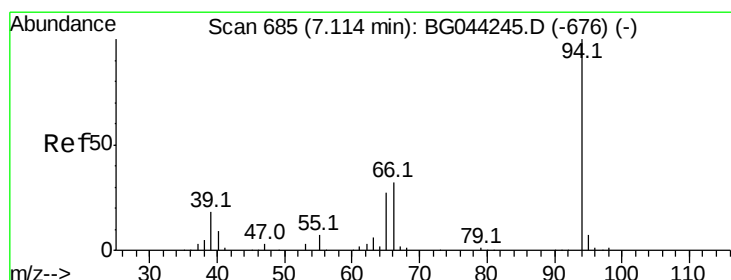
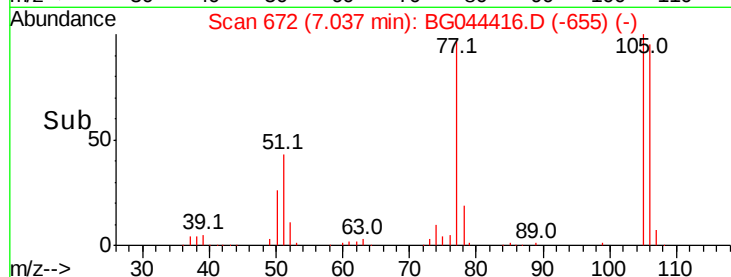
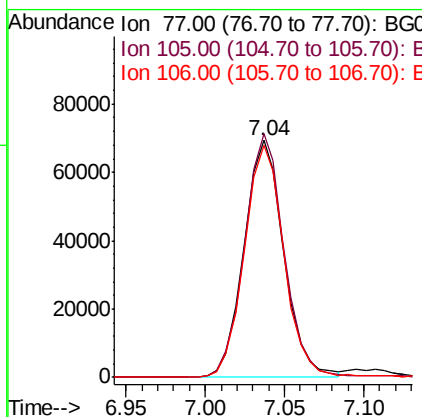
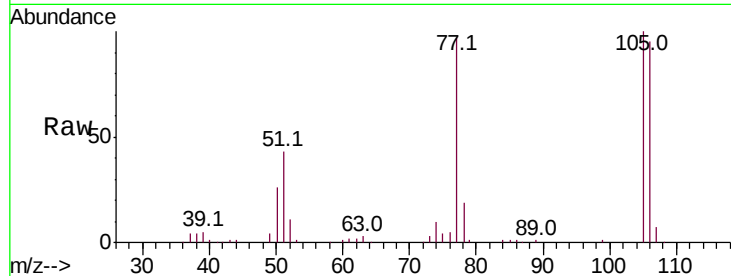
#9
Benzaldehyde
Concen: 32.834 ng
RT: 7.04 min Scan# 672
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.7	82.0	122.0
106	98.0	80.7	120.7

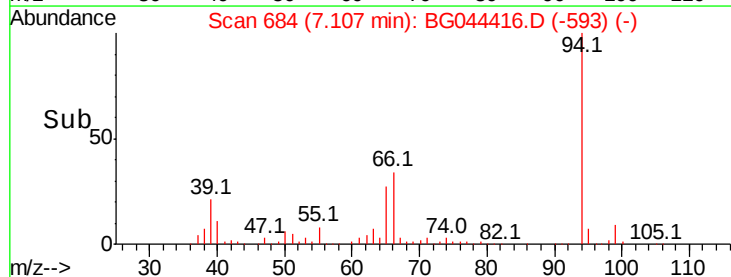
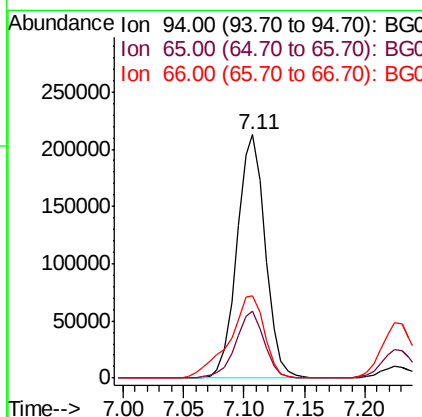
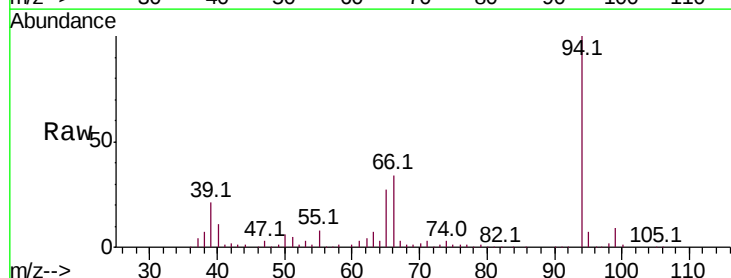
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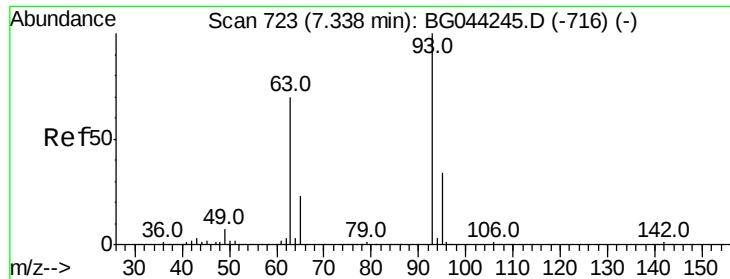
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#10
Phenol
Concen: 54.360 ng
RT: 7.11 min Scan# 684
Delta R.T. 0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.0	47.0
66	33.9	12.7	52.7





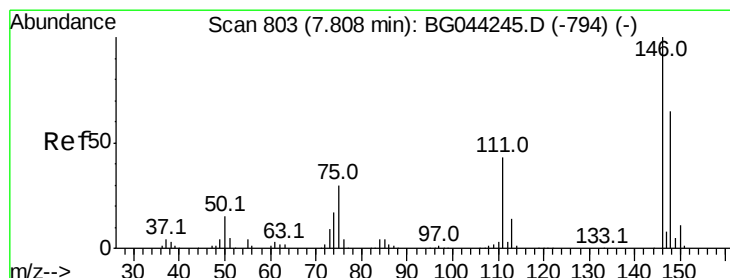
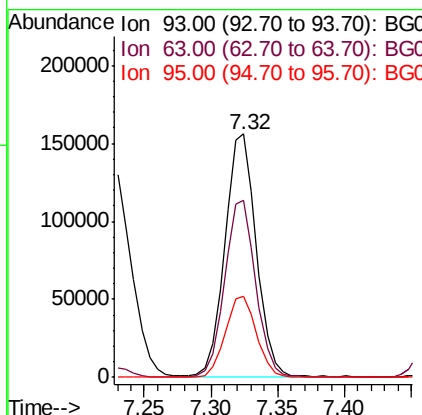
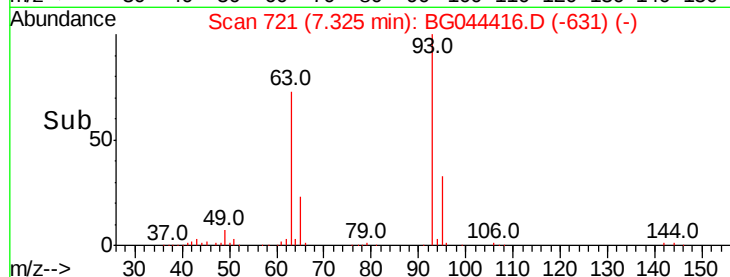
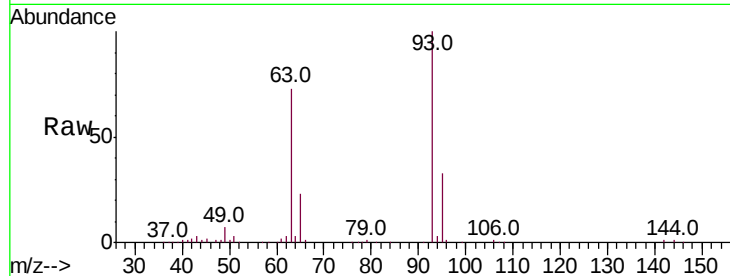
#11
bis(2-Chloroethyl)ether
Concen: 46.742 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.8	49.2	89.2
95	33.5	13.6	53.6

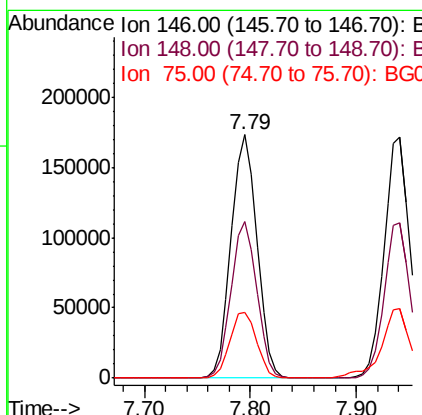
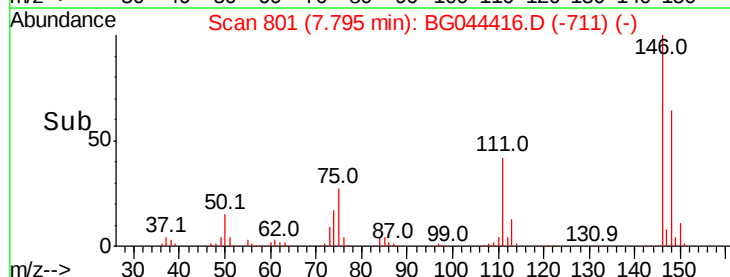
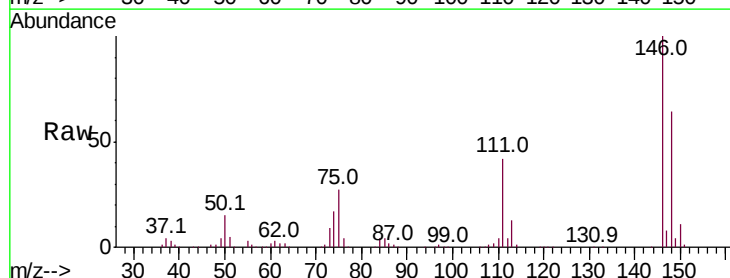
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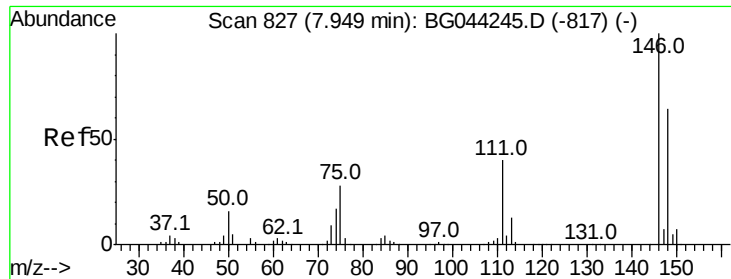
mohammad
2/13/2020 3:33:55 PM



#12
1,3-Dichlorobenzene
Concen: 46.462 ng
RT: 7.79 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.8
75	27.0	23.7	35.5





#13

1,4-Dichlorobenzene

Concen: 46.866 ng

RT: 7.94 min Scan# 826

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

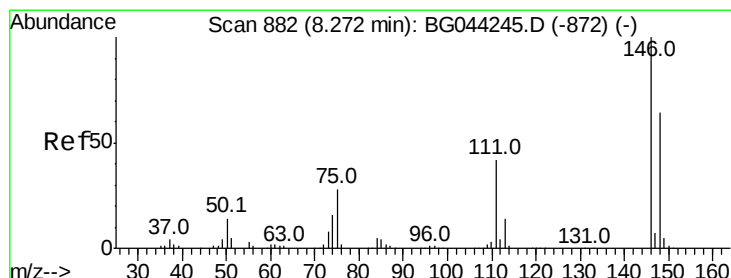
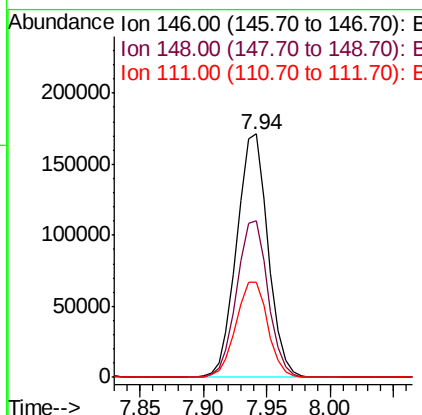
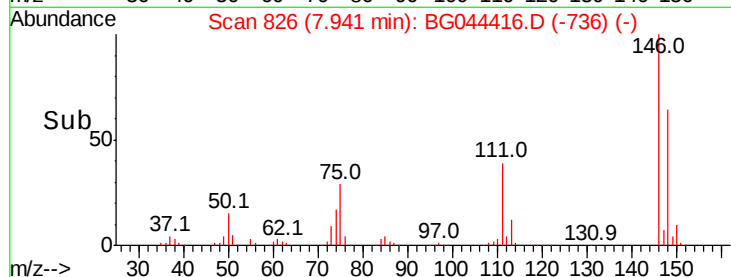
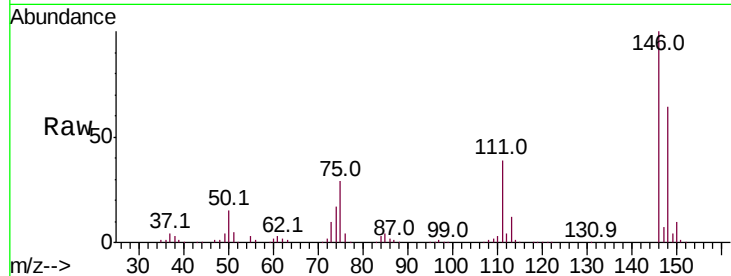
ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion:	146	Resp:	292710
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.4	77.0
111	39.2	31.8	47.8

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#14

1,2-Dichlorobenzene

Concen: 47.141 ng

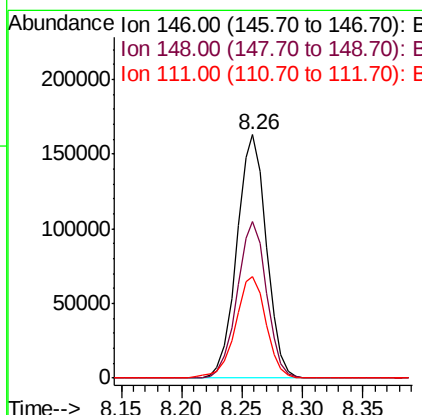
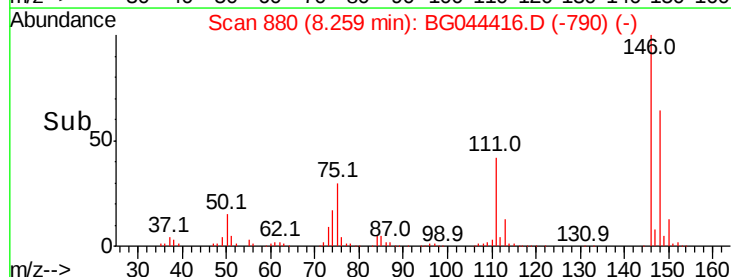
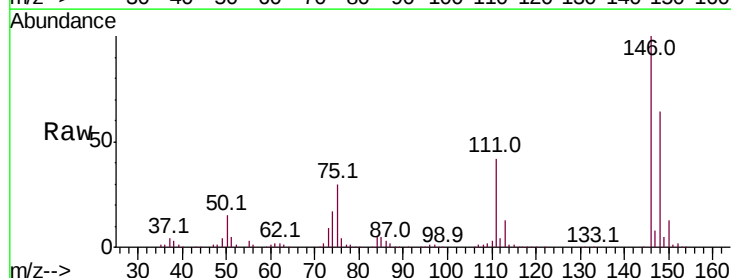
RT: 8.26 min Scan# 880

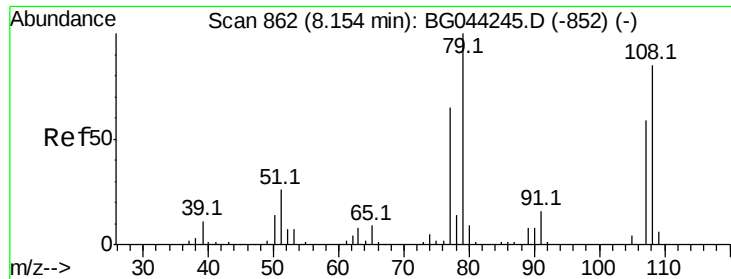
Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion:	146	Resp:	278292
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.2	76.8
111	41.6	34.0	51.0





#15

Benzyl Alcohol

Concen: 49.749 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

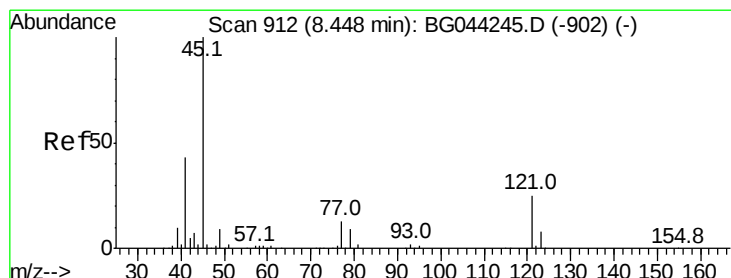
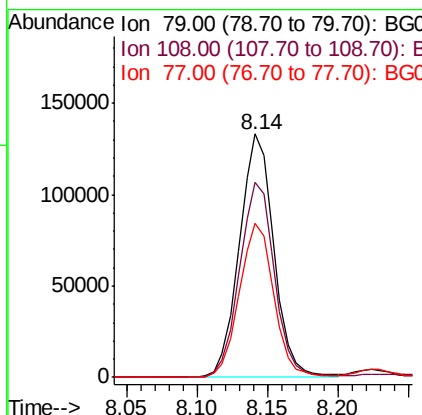
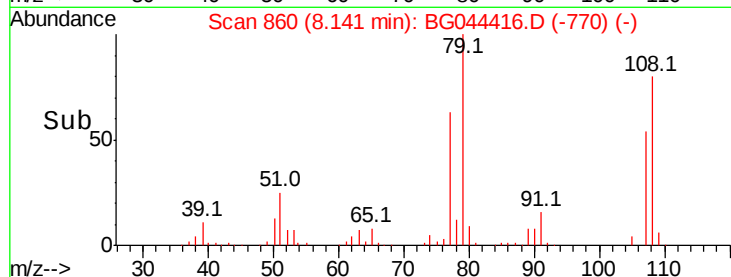
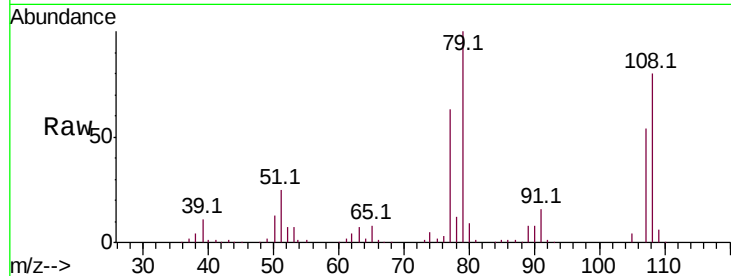
ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.1	68.3	102.5
77	63.3	51.8	77.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.761 ng

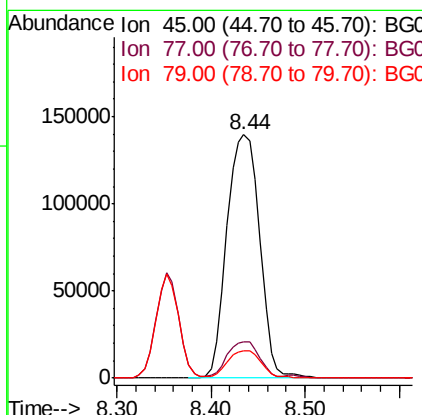
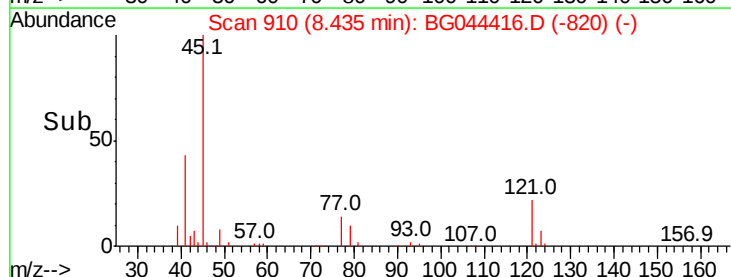
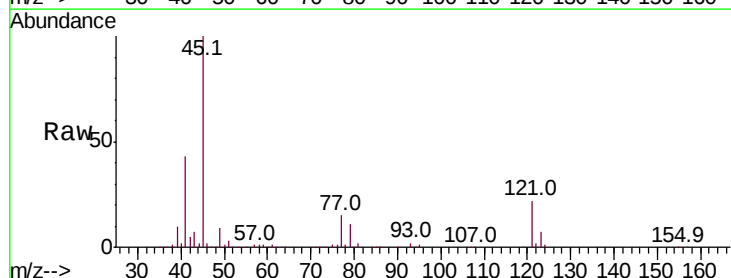
RT: 8.44 min Scan# 910

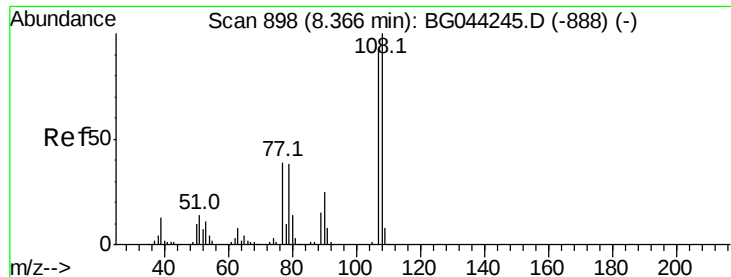
Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.2
79	11.3	0.0	31.1





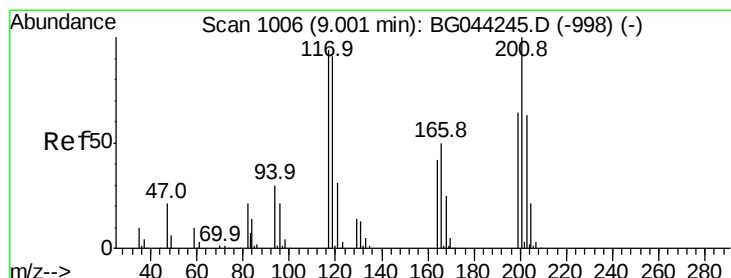
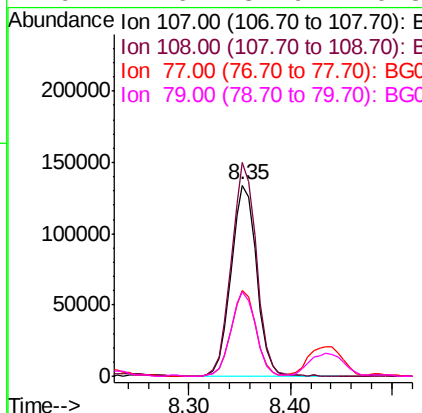
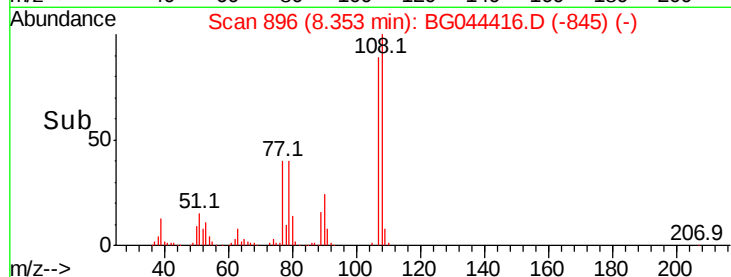
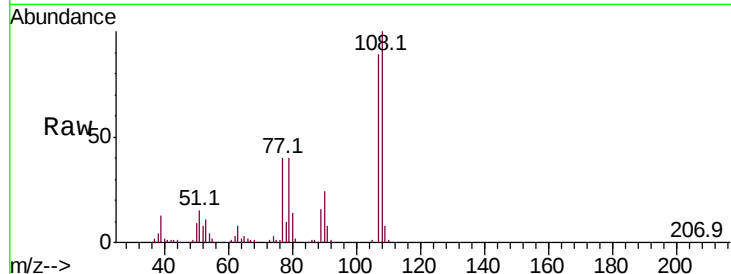
#17
2-Methylphenol
Concen: 51.340 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	86.4	129.6	
77	45.2	34.0	51.0	
79	44.6	32.9	49.3	

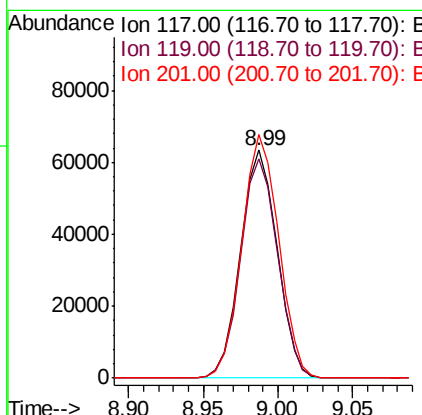
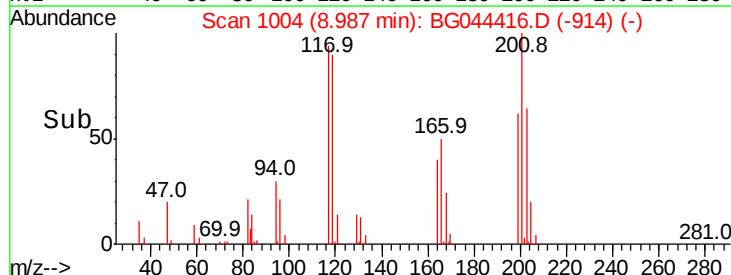
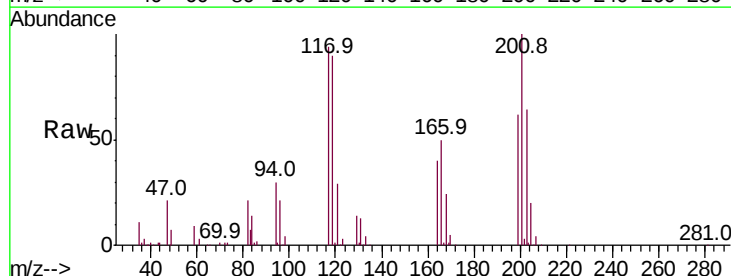
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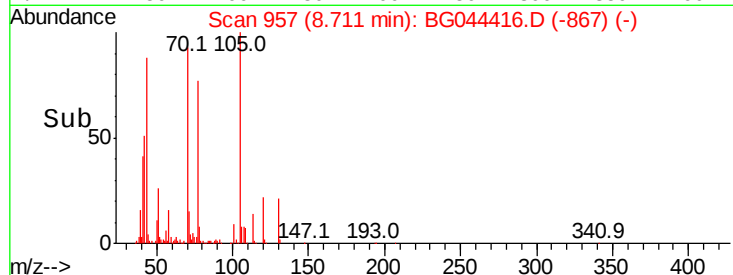
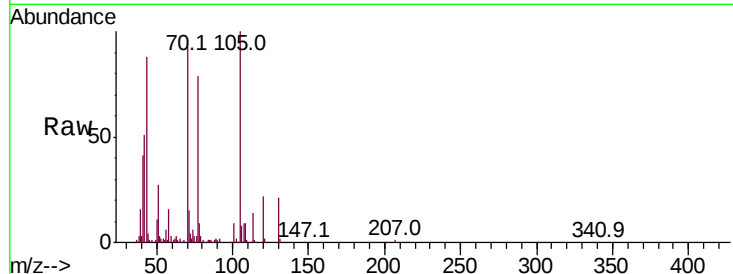
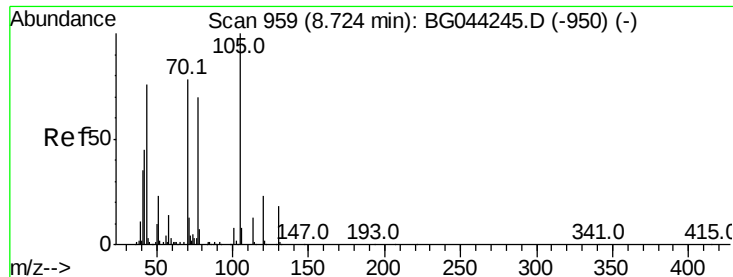
mohammad
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#18
Hexachloroethane
Concen: 45.923 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	77.5	116.3	
201	106.7	84.9	127.3	





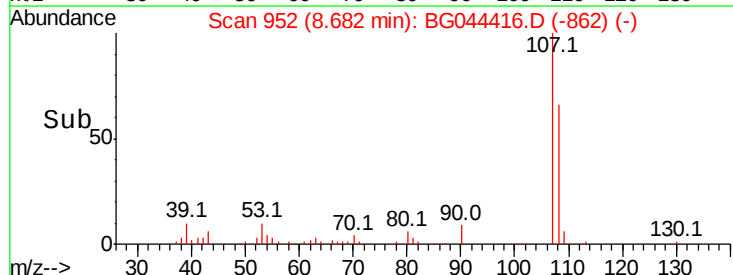
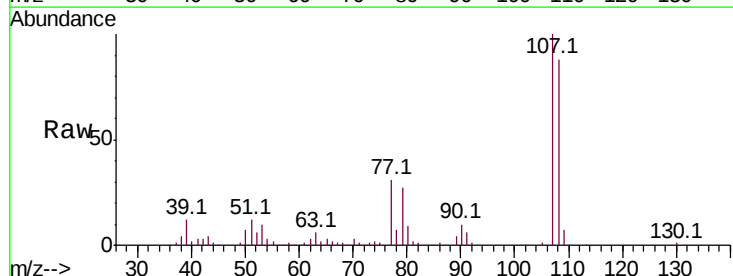
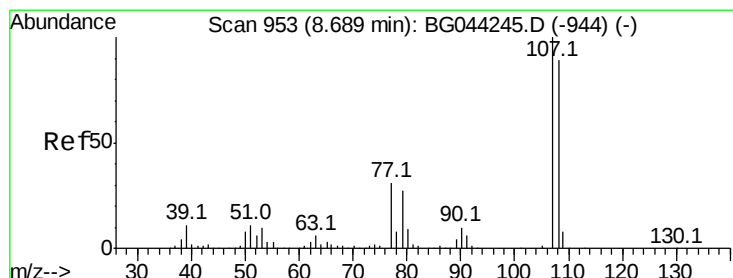
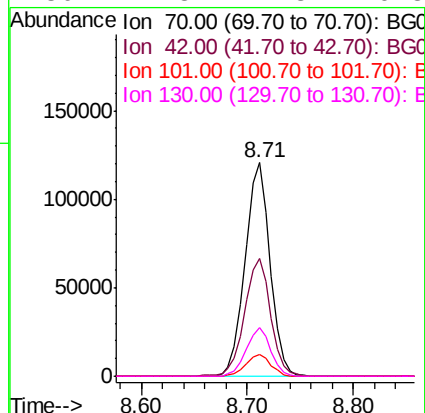
#19
n-Nitroso-di-n-propylamine
Concen: 45.834 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ion	Ratio	Lower	Upper
197125	70	100		
	42	54.9	46.2	69.2
	101	10.1	8.4	12.6
	130	22.8	17.8	26.8

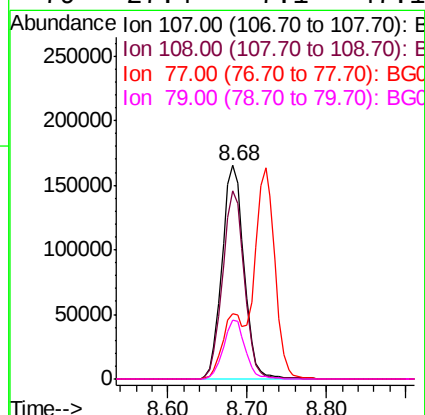
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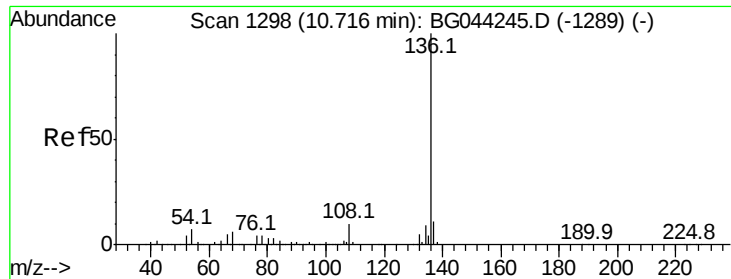
mohammad
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#20
3+4-Methylphenols
Concen: 50.606 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ion	Ratio	Lower	Upper
317801	107	100		
	108	88.2	68.5	108.5
	77	30.7	10.9	50.9
	79	27.4	7.1	47.1





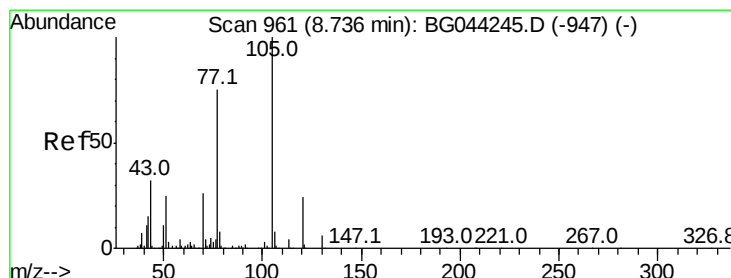
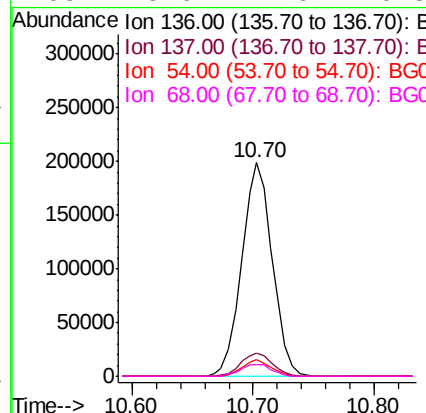
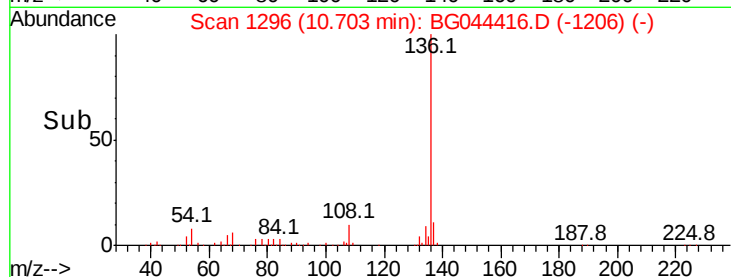
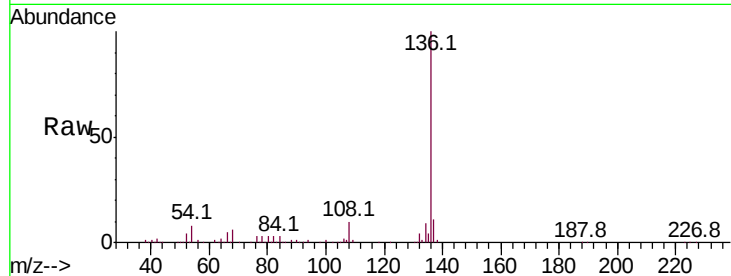
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.8	13.2	
54	7.7	5.8	8.8	
68	5.6	4.6	6.8	

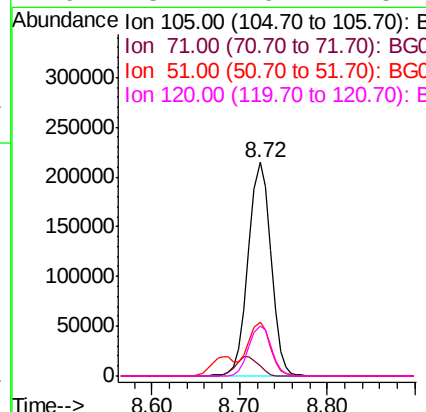
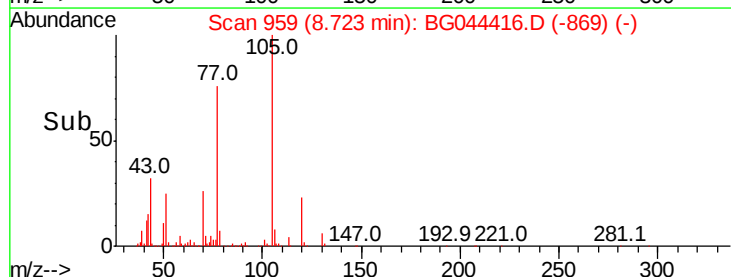
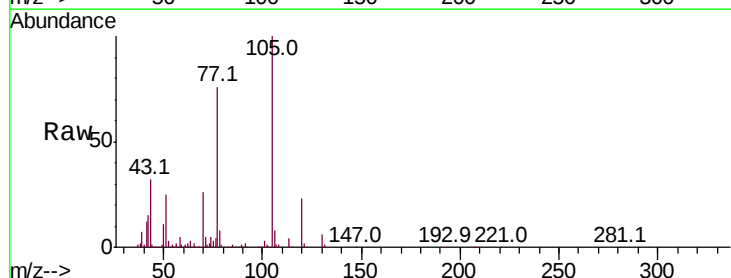
Manual Integrations
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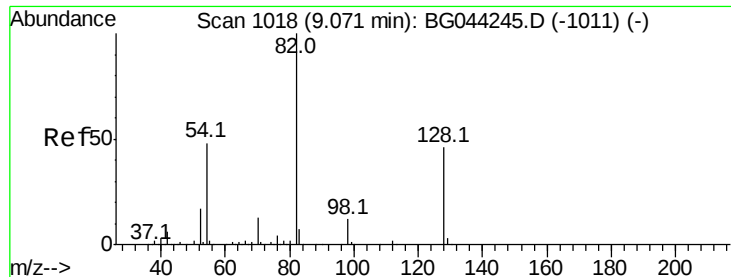
mohammad
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#22
Acetophenone
Concen: 44.436 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.6	3.4	5.0	
51	24.9	20.2	30.4	
120	23.4	19.1	28.7	





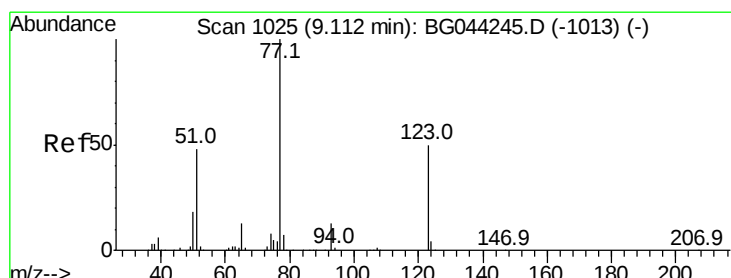
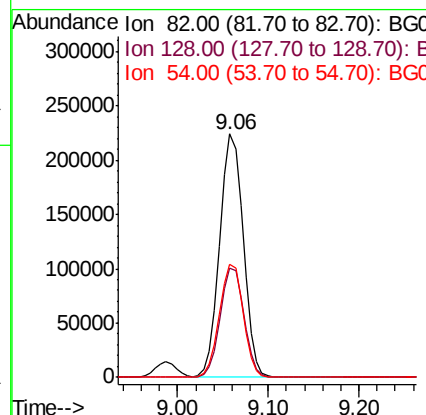
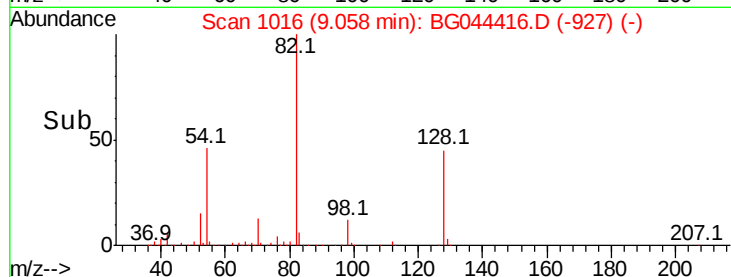
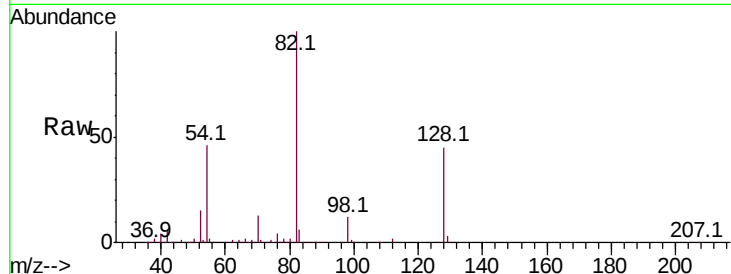
#23
 Nitrobenzene-d5
 Concen: 66.085 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.5	54.7
54	46.4	38.6	58.0

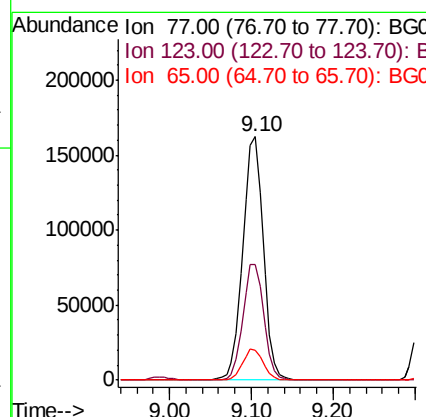
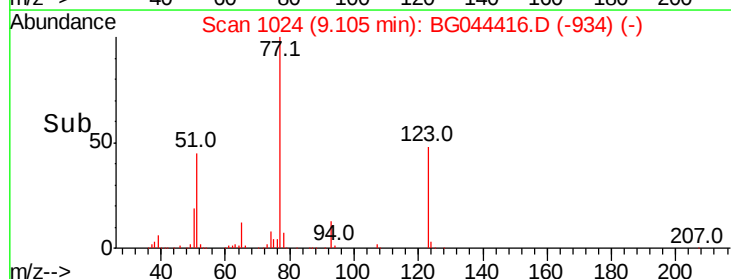
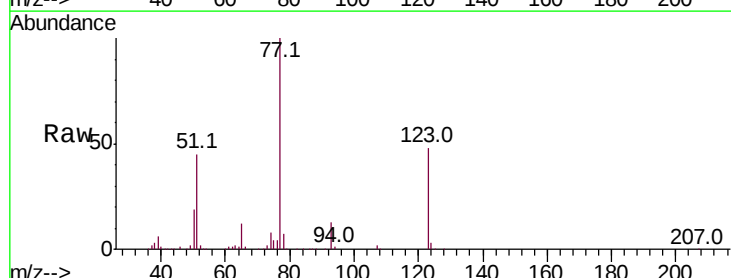
Manual Integrations
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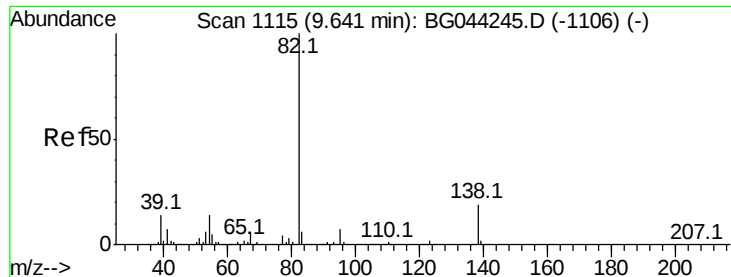
mohammad
 2/13/2020 3:33:55 PM



#24
 Nitrobenzene
 Concen: 47.316 ng
 RT: 9.10 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	39.9	59.9
65	12.1	10.4	15.6





#25

Isophorone

Concen: 46.648 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

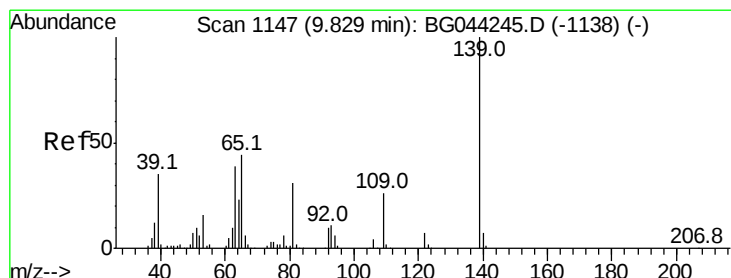
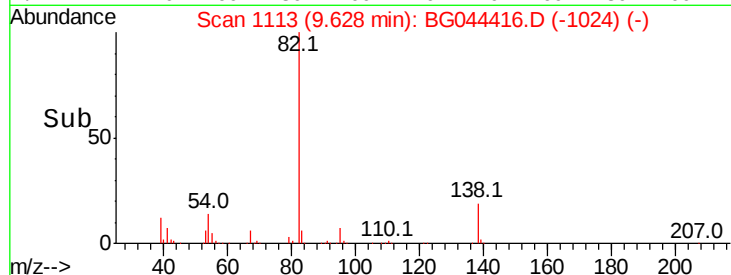
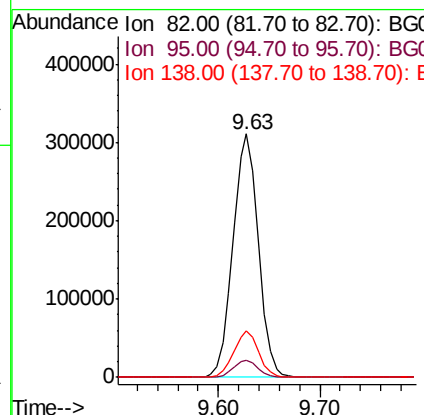
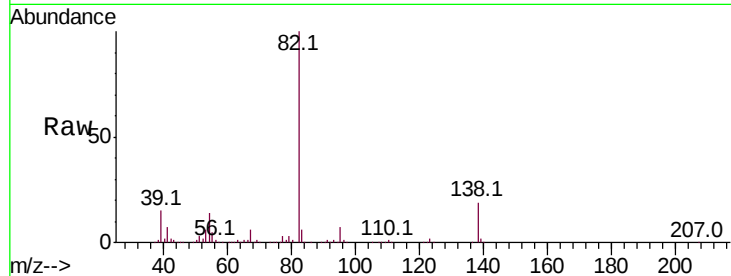
ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion:	82	Resp:	536460
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	19.2	15.0	22.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.027 ng

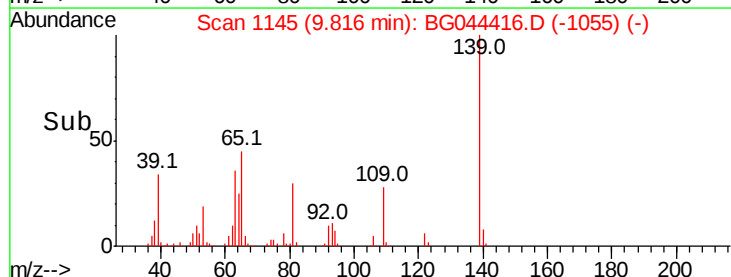
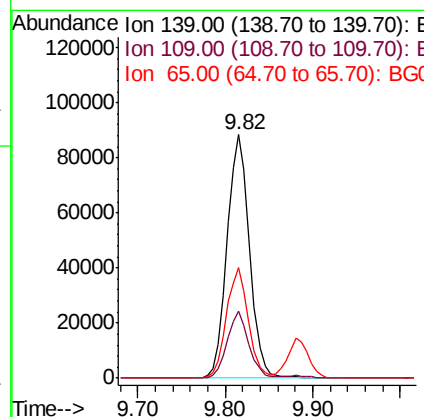
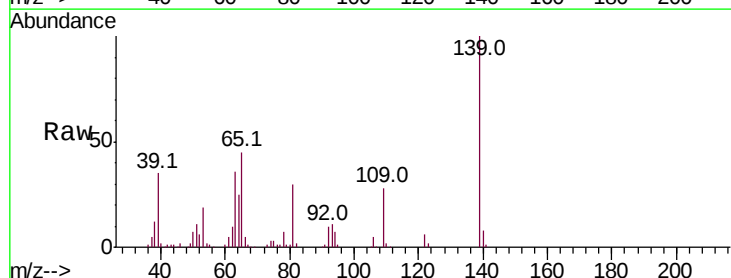
RT: 9.82 min Scan# 1145

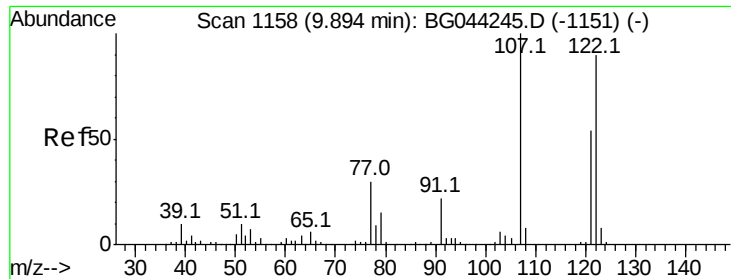
Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion:	139	Resp:	156363
Ion Ratio	Lower	Upper	
139	100		
109	27.6	21.0	31.4
65	45.1	35.0	52.4





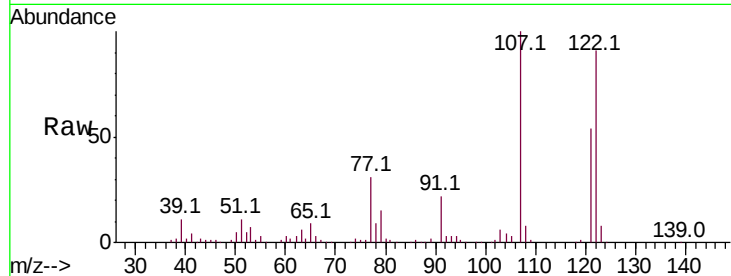
#27
2,4-Dimethylphenol
Concen: 58.845 ng
RT: 9.88 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

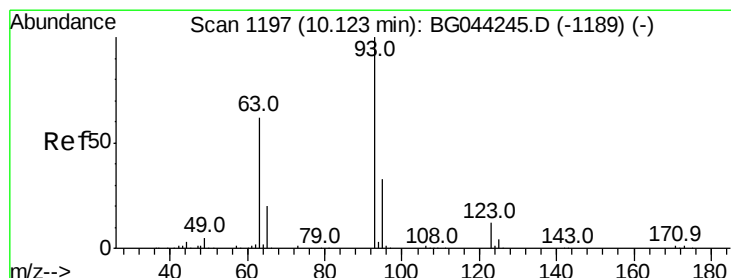
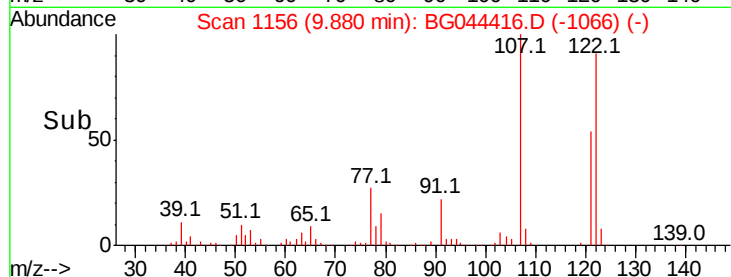
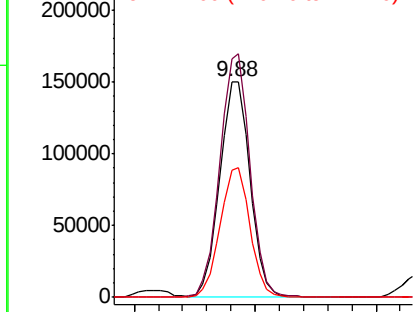
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.4	88.8	133.2
121	59.2	48.3	72.5

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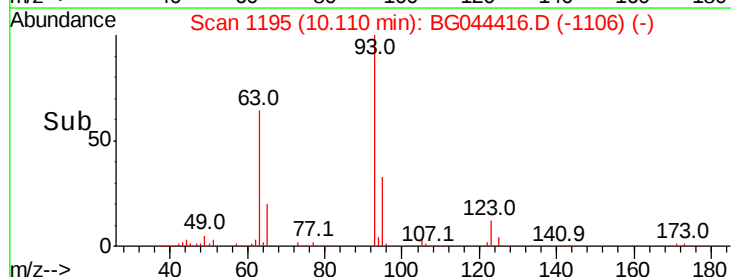
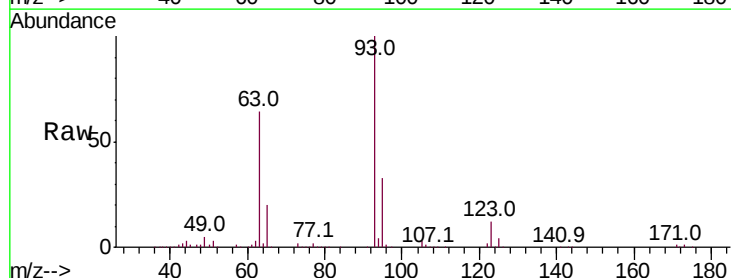
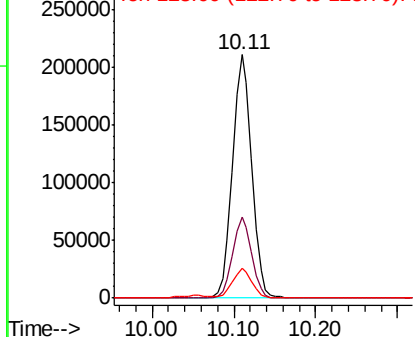
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

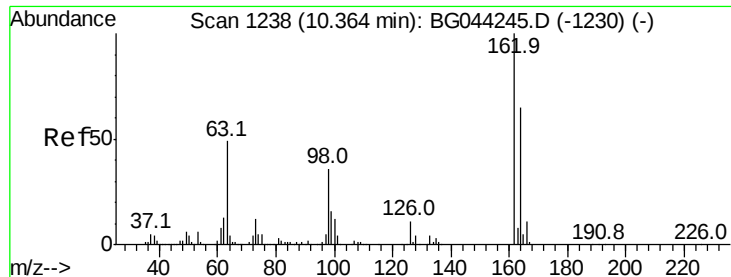


#28
bis(2-Chloroethoxy)methane
Concen: 45.060 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.6	40.0
123	12.3	10.0	15.0

Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E





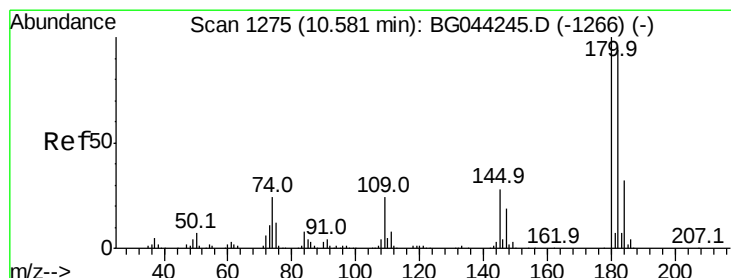
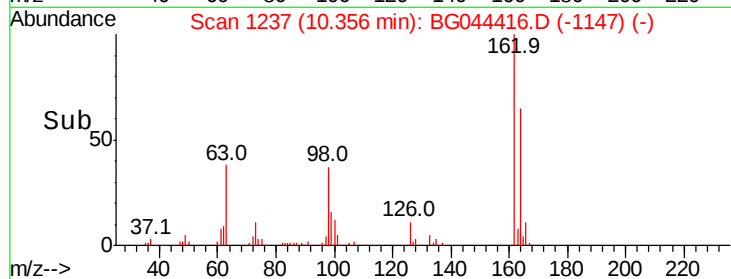
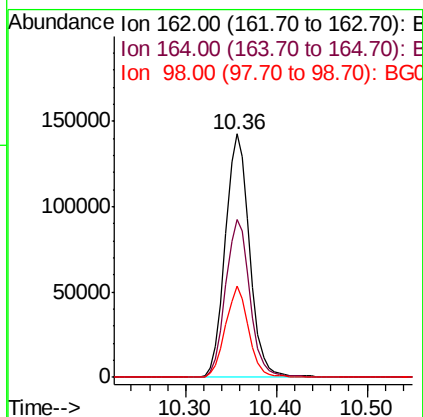
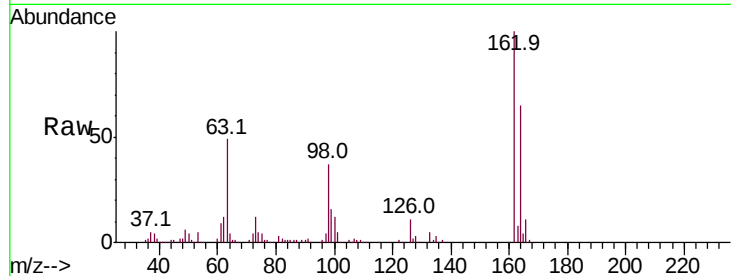
#29
2,4-Dichlorophenol
Concen: 49.651 ng
RT: 10.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	264884		
164	64.9		44.7	84.7
98	37.4		15.8	55.8

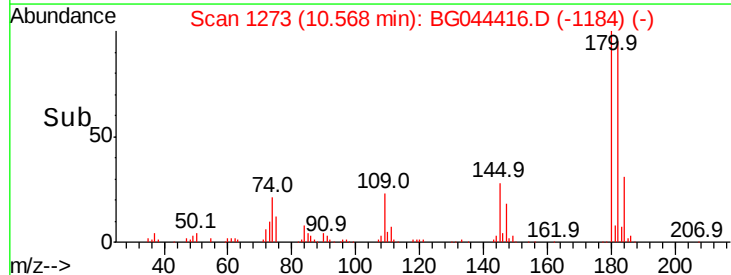
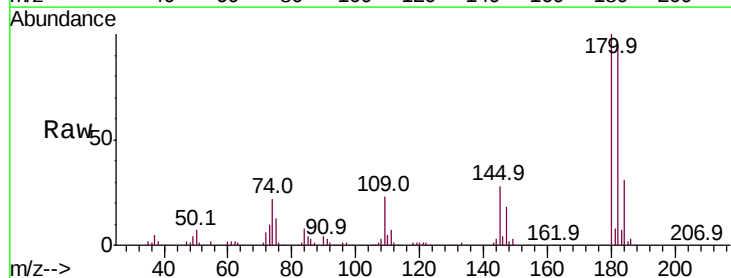
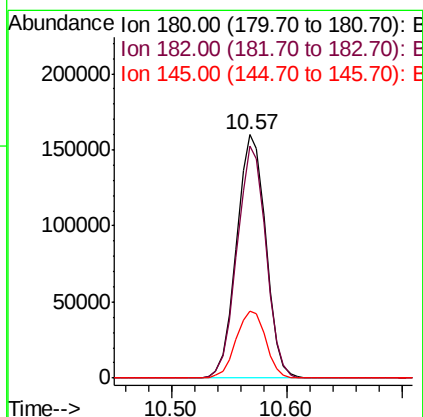
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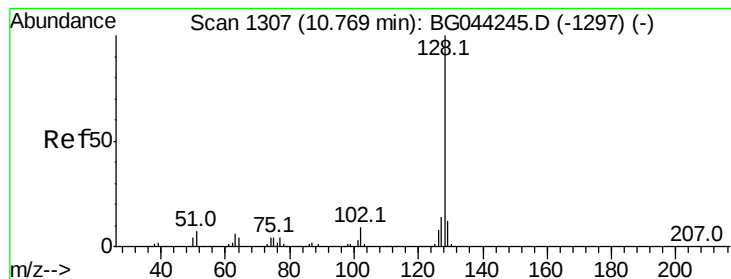
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#30
1,2,4-Trichlorobenzene
Concen: 45.800 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	280171		
182	95.4		75.5	113.3
145	27.7		22.6	34.0





#31

Naphthalene

Concen: 47.487 ng

RT: 10.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

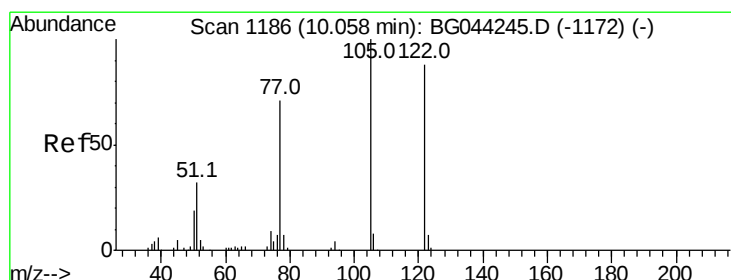
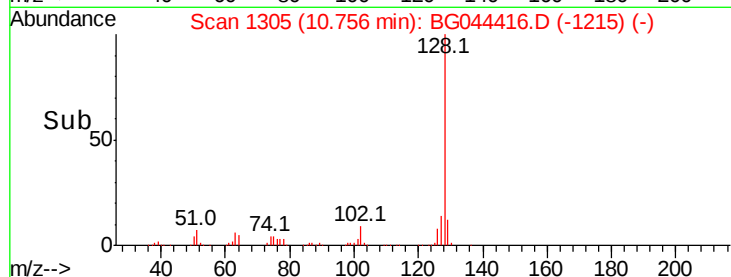
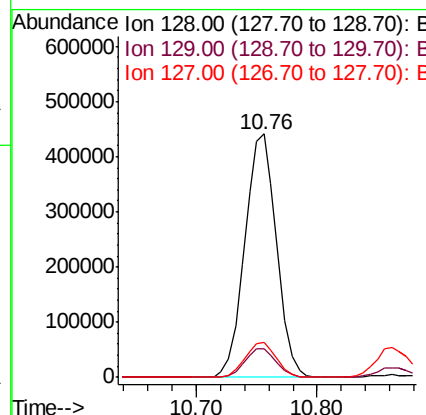
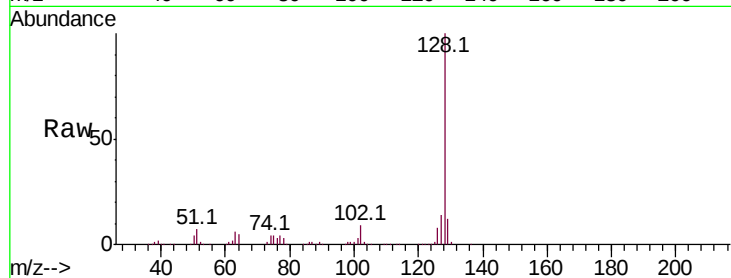
ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion:	128	Resp:	802550
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.3	13.9
127	14.4	11.6	17.4

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#32

Benzoic acid

Concen: 36.827 ng

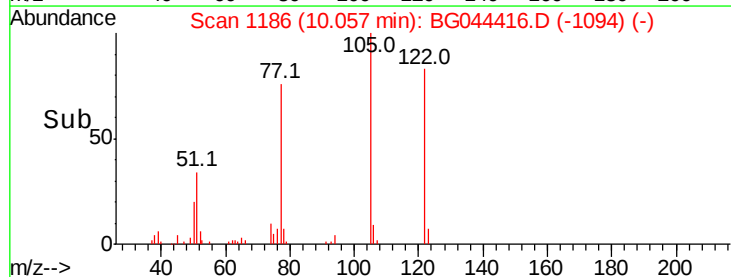
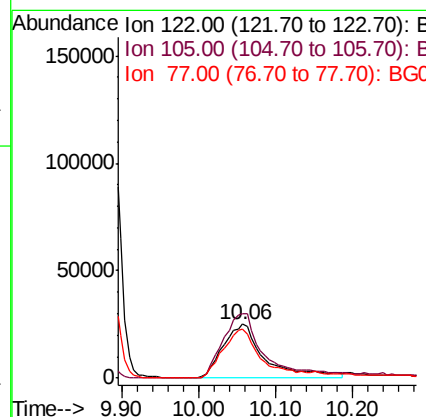
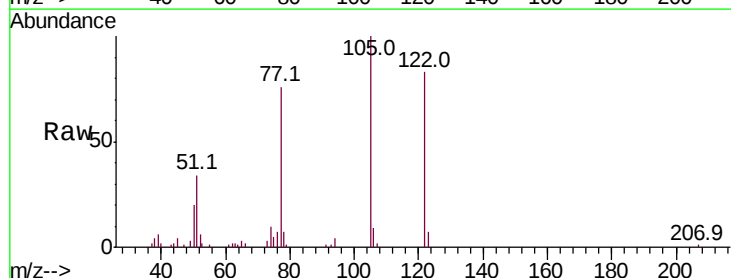
RT: 10.06 min Scan# 1186

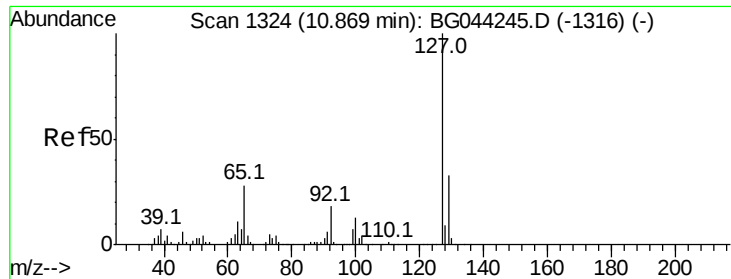
Delta R.T. 0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion:	122	Resp:	93423
Ion Ratio	Lower	Upper	
122	100		
105	119.8	93.5	133.5
77	90.6	61.0	101.0





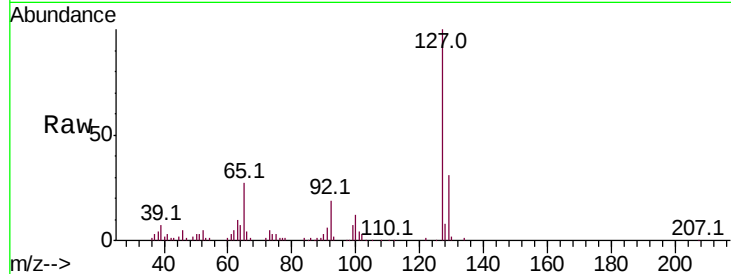
#33
4-Chloroaniline
Concen: 14.746 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

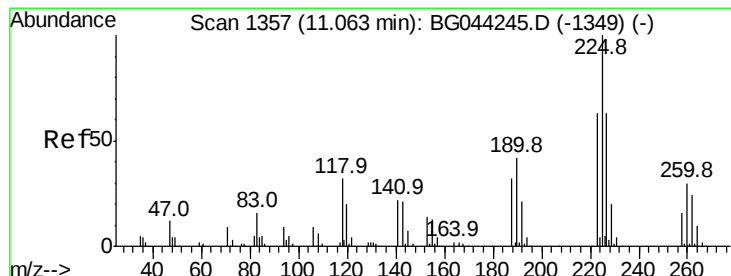
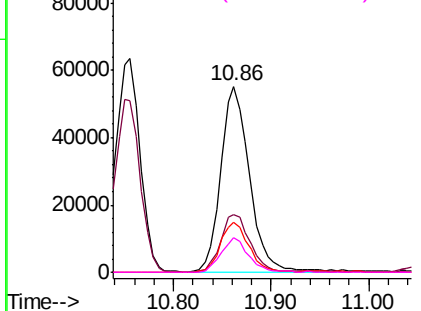
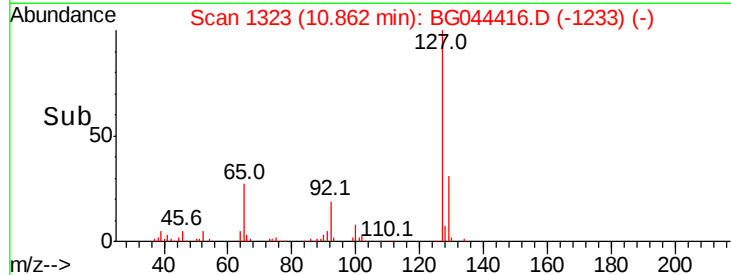
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	26.6	40.0		
65	27.1	22.5	33.7		
92	18.9	14.1	21.1		

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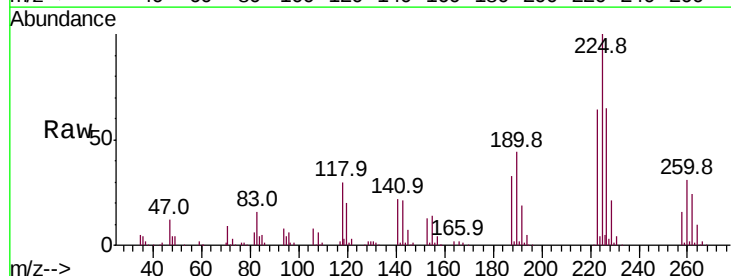


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

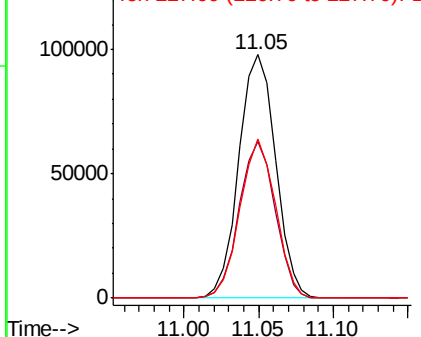
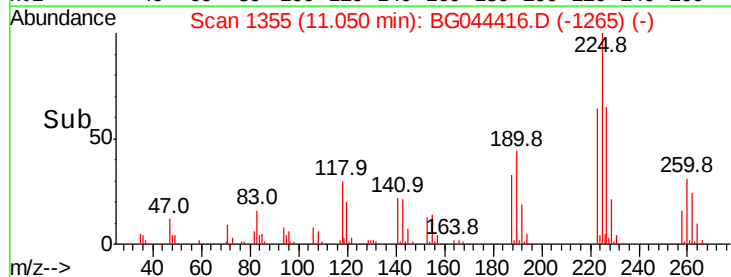


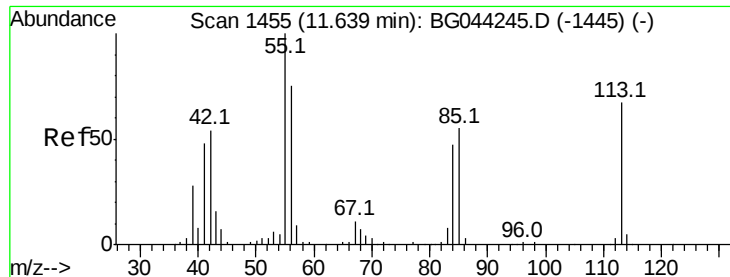
#34
Hexachlorobutadiene
Concen: 44.551 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	50.2	75.4		
227	65.3	50.8	76.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 49.316 ng/mL

RT: 11.63 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion:113 Resp: 96377

Ion Ratio Lower Upper

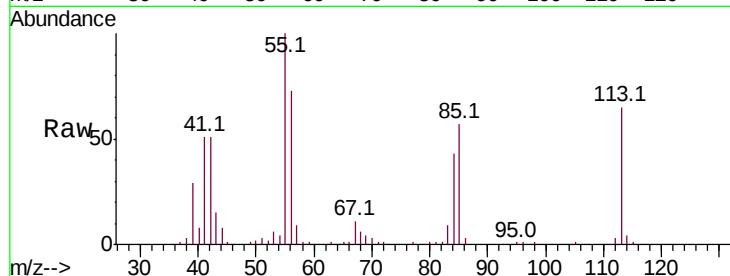
113 100

55 153.1 129.9 169.9

56 111.9 92.5 132.5

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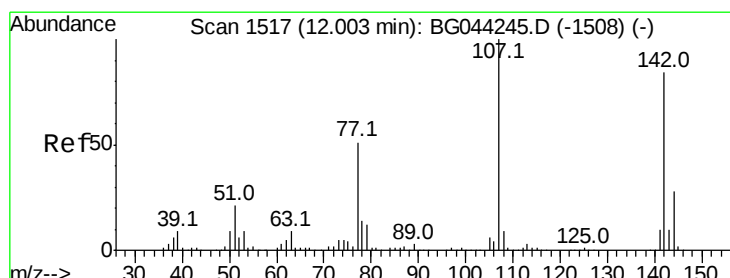
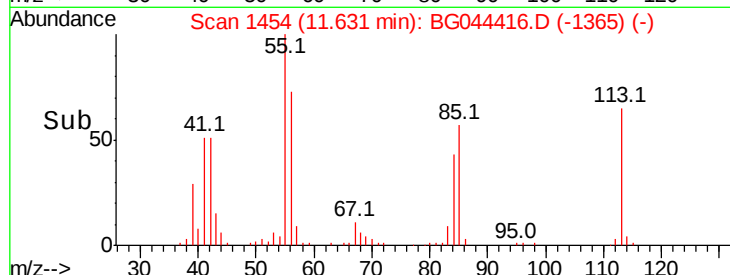
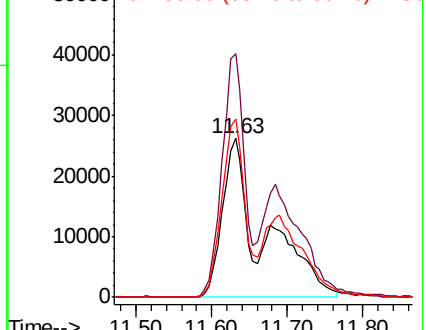
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 49.876 ng/mL

RT: 12.00 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

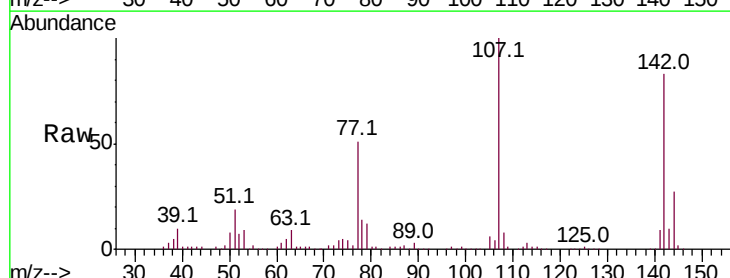
Tgt Ion:107 Resp: 278974

Ion Ratio Lower Upper

107 100

144 26.6 22.2 33.4

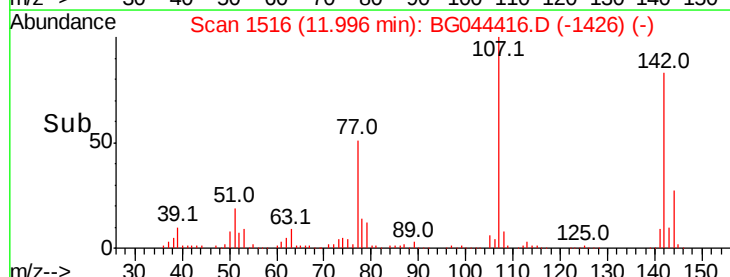
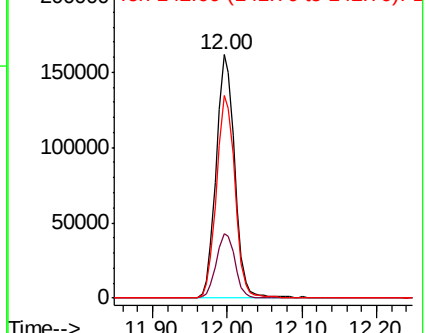
142 83.3 67.4 101.0

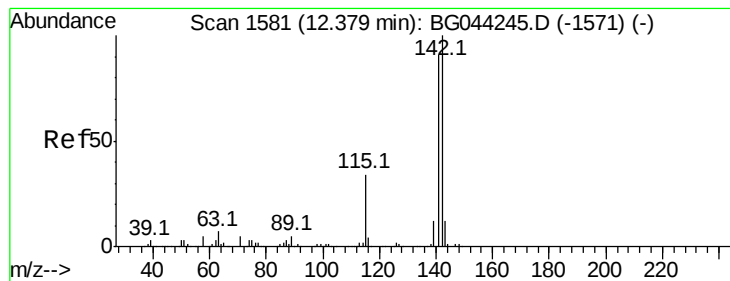


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.665 ng

RT: 12.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

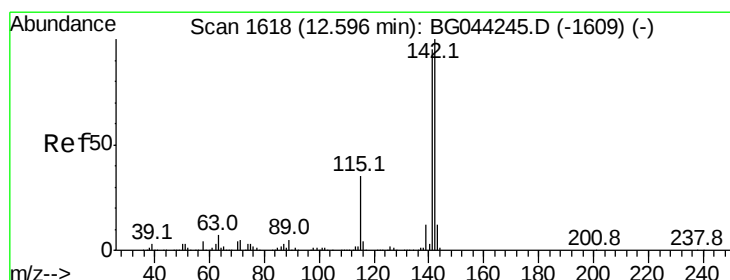
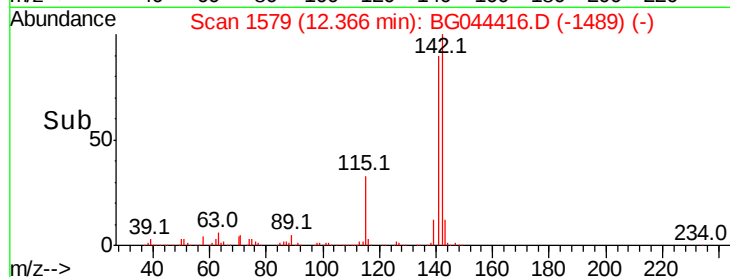
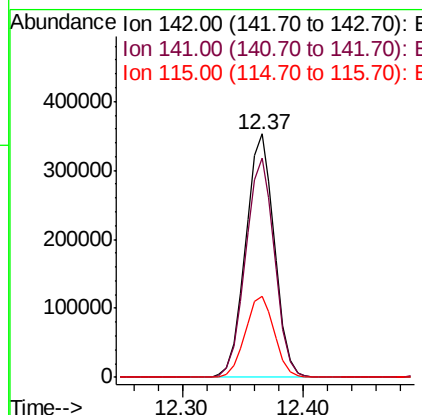
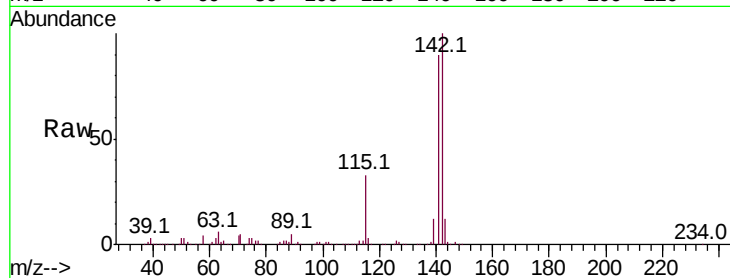
ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion:	142	Resp:	585566
Ion Ratio	Lower	Upper	
142	100		
141	90.1	73.2	109.8
115	33.3	27.1	40.7

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#38

1-Methylnaphthalene

Concen: 47.392 ng

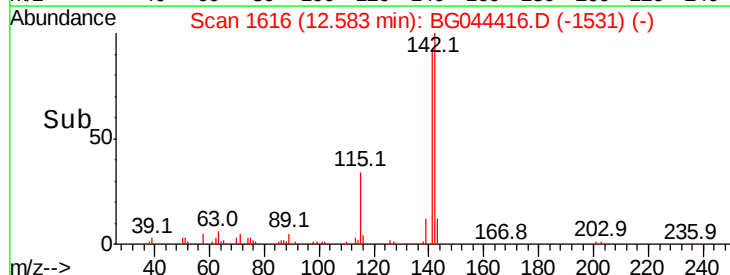
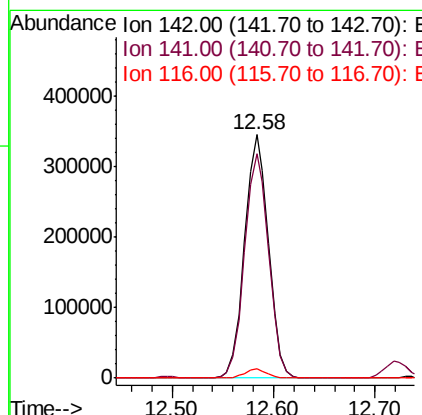
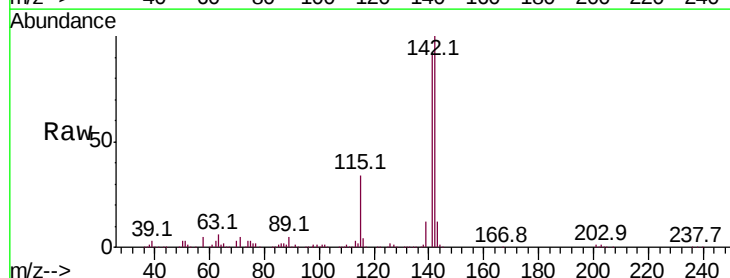
RT: 12.58 min Scan# 1616

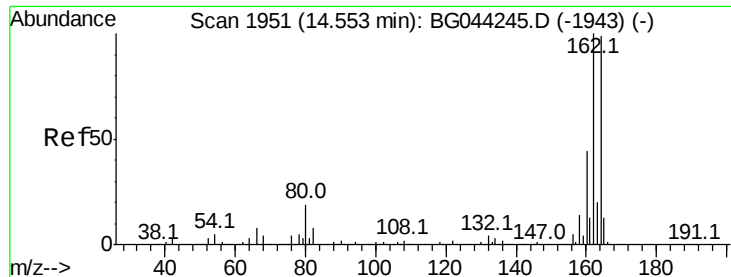
Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion:	142	Resp:	560659
Ion Ratio	Lower	Upper	
142	100		
141	92.0	75.8	113.6
116	3.9	3.1	4.7





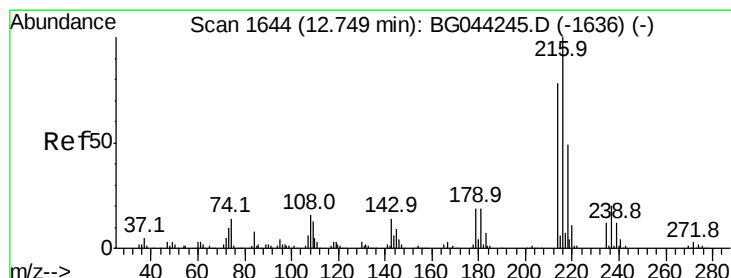
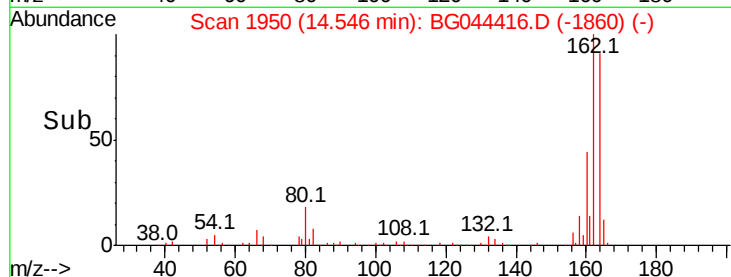
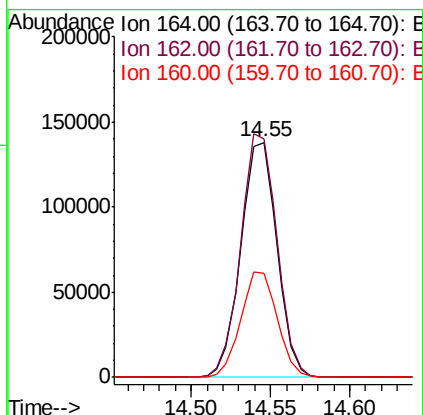
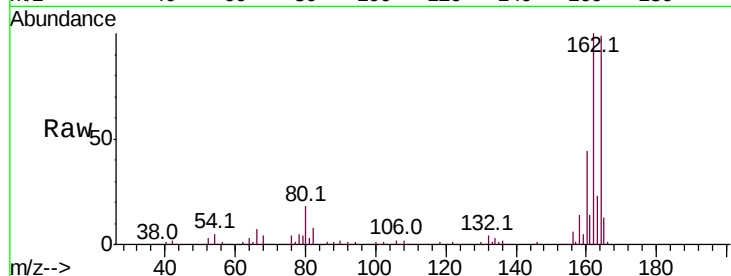
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	44.5	35.3	52.9

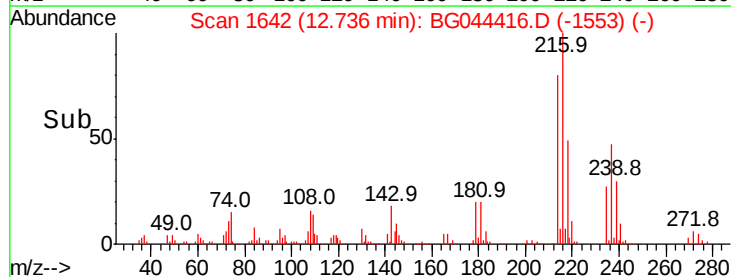
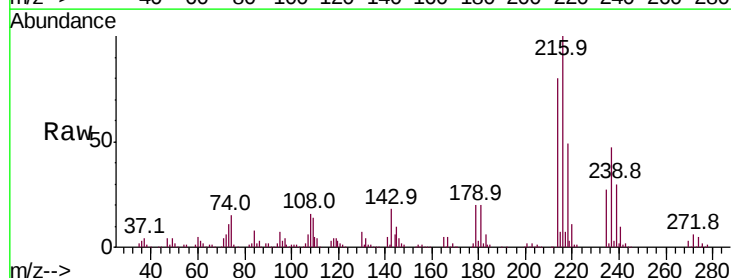
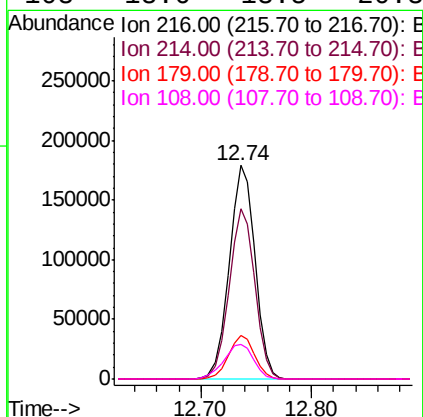
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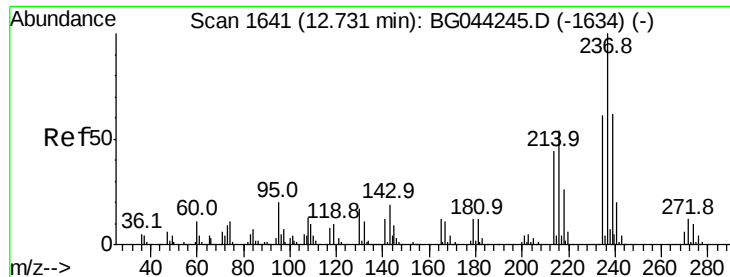
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.482 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.6
179	20.4	16.2	24.4
108	18.6	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 102.207 ng

RT: 12.72 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

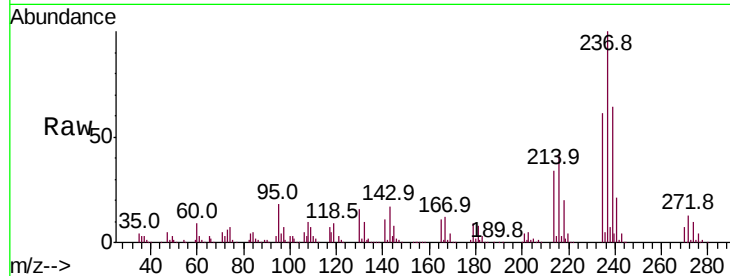
ClientSampleId :

SB-2I-(13.5-15.5)MS

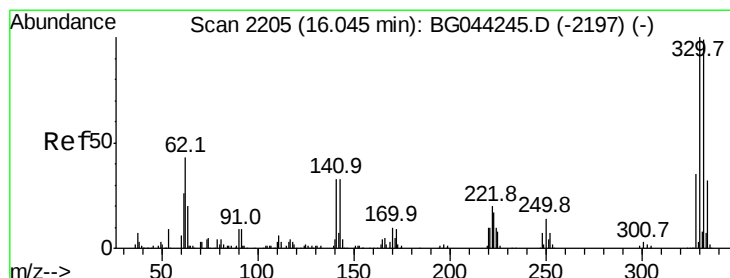
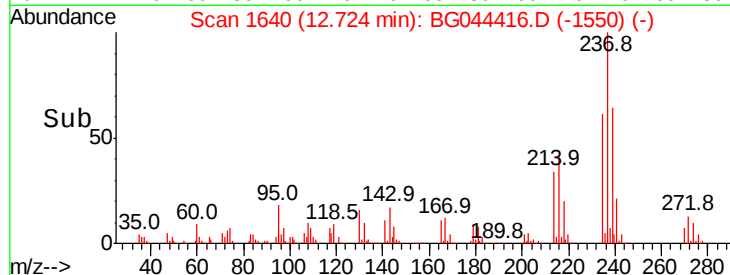
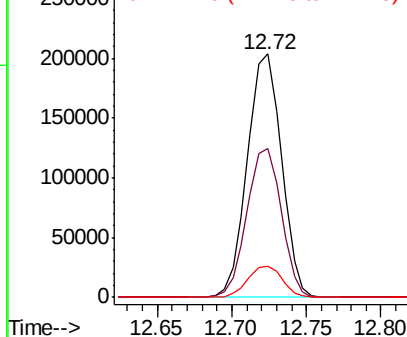
Tot Ion:	237	Resp:	322186
Ion Ratio	Lower	Upper	
237	100		
235	61.2	41.2	81.2
272	12.9	0.0	32.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 100.520 ng

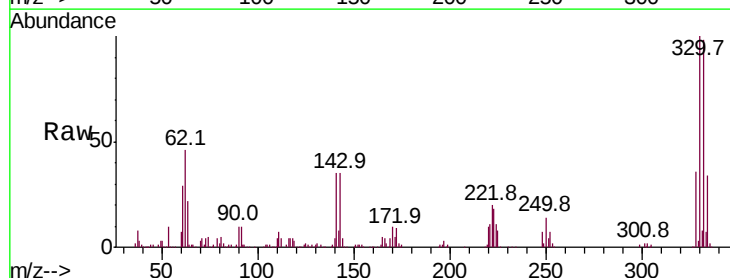
RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

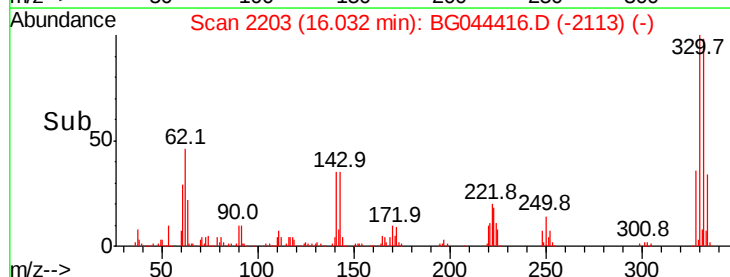
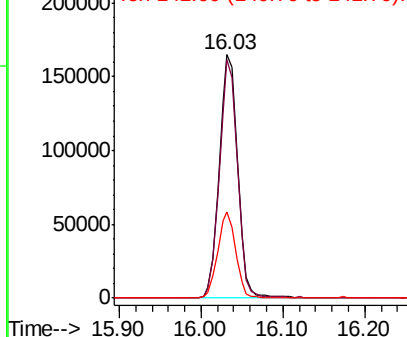
Lab File: BG044416.D

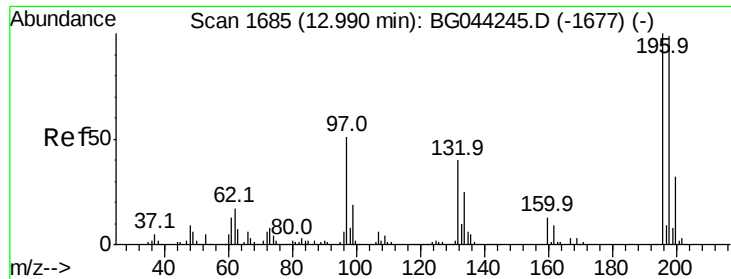
Acq: 12 Feb 2020 19:47

Tgt Ion:	330	Resp:	259165
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.2	115.8
141	34.7	28.3	42.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





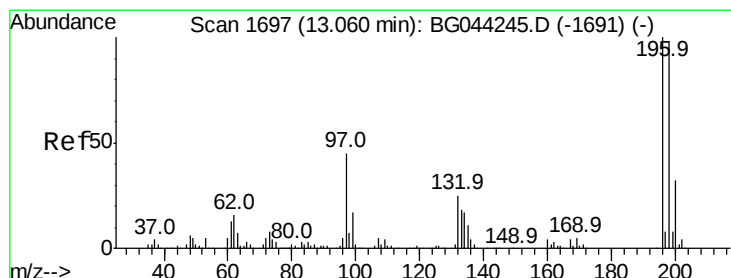
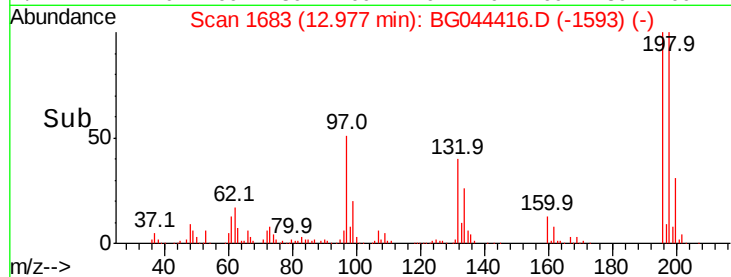
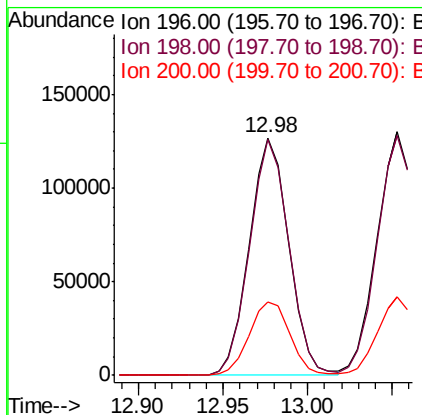
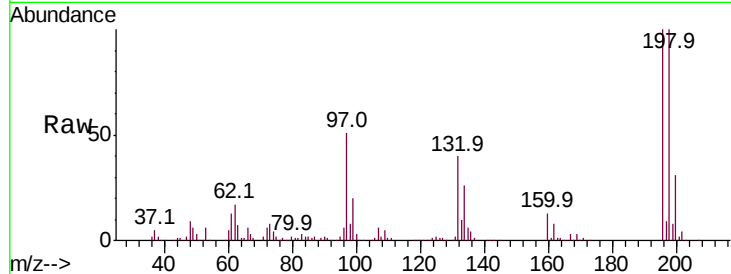
#43
 2,4,6-Trichlorophenol
 Concen: 48.563 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	206219		
198	99.5	79.3	118.9	
200	30.8	25.7	38.5	

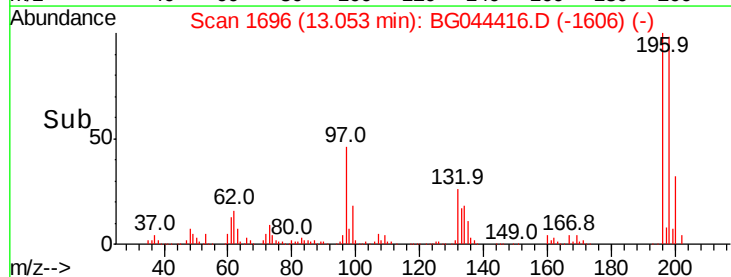
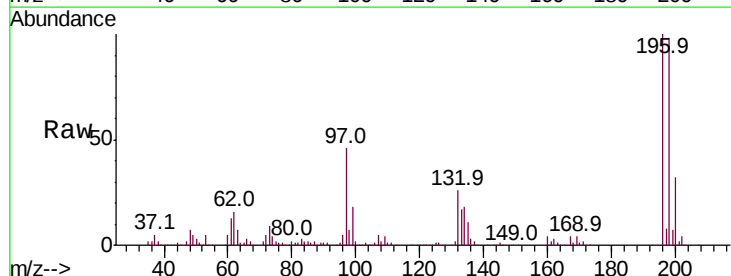
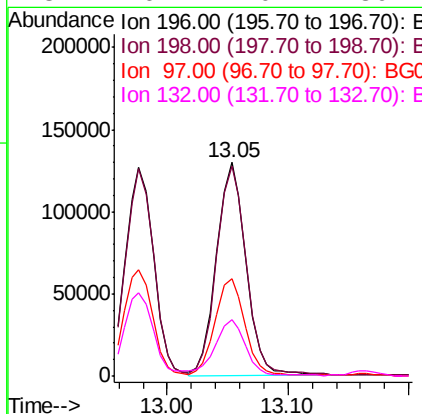
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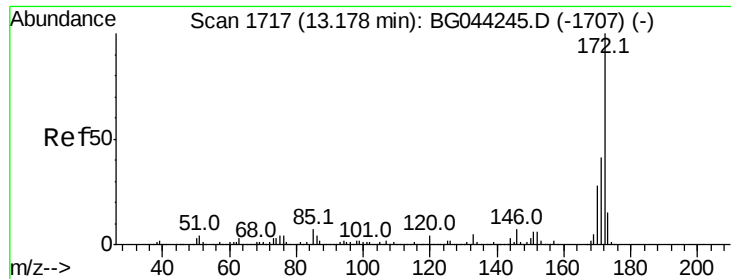
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 50.385 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218533		
198	98.4	78.2	117.2	
97	45.9	36.2	54.4	
132	26.2	20.2	30.4	





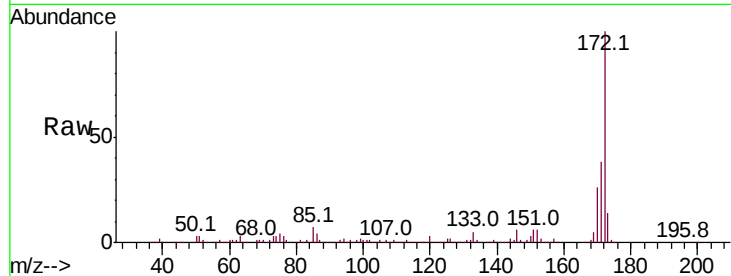
#45
2-Fluorobiphenyl
Concen: 67.785 ng
RT: 13.16 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

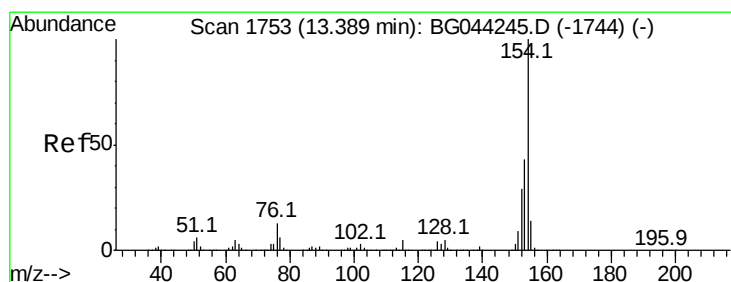
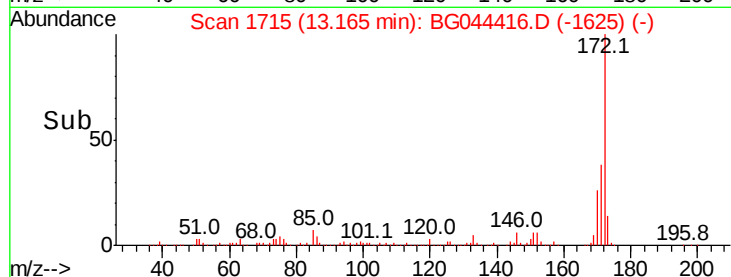
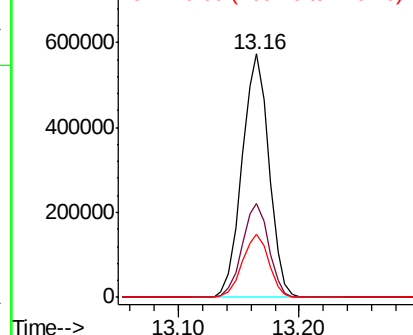
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	32.9	49.3
170	26.0	22.0	33.0

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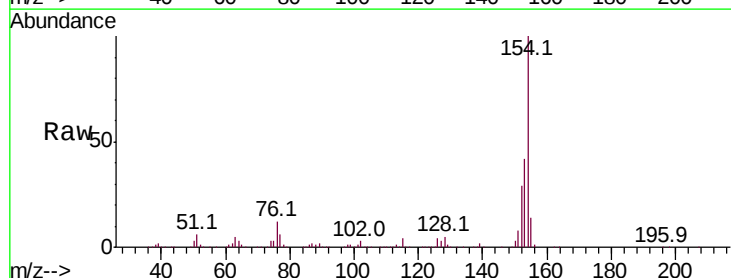


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

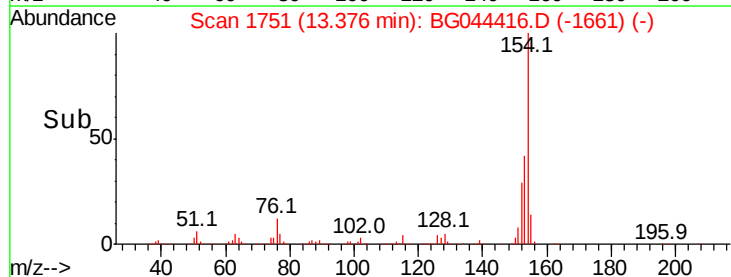
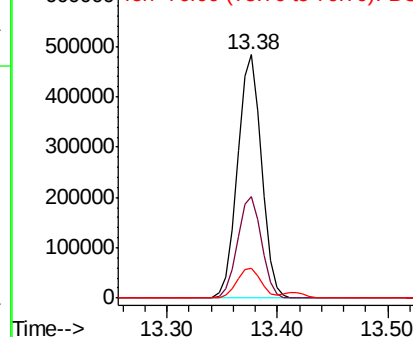


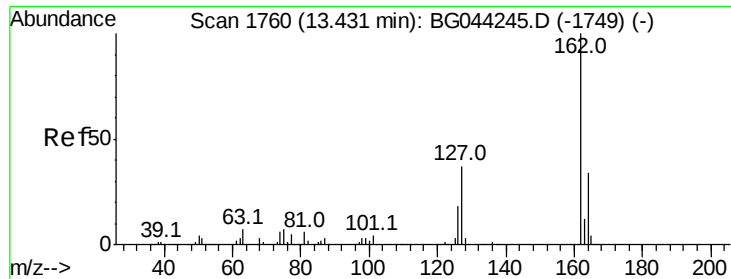
#46
1,1'-Biphenyl
Concen: 46.545 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.7	62.7
76	12.4	0.0	32.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 46.015 ng

RT: 13.42 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BG044416.D

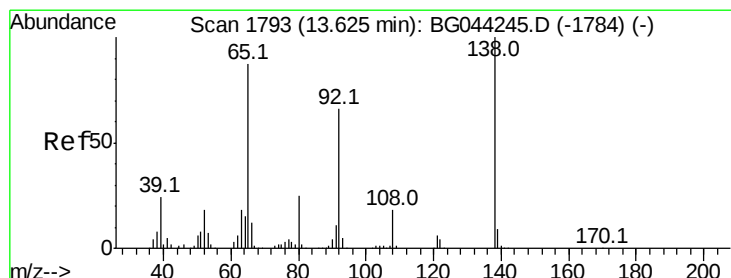
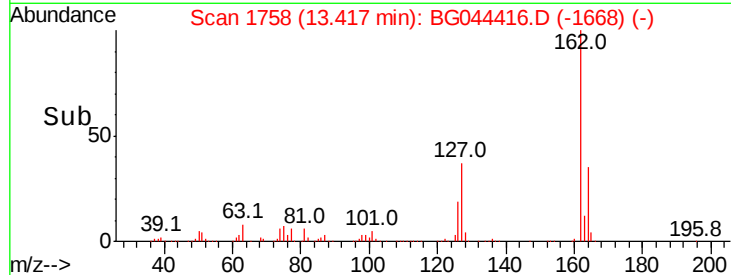
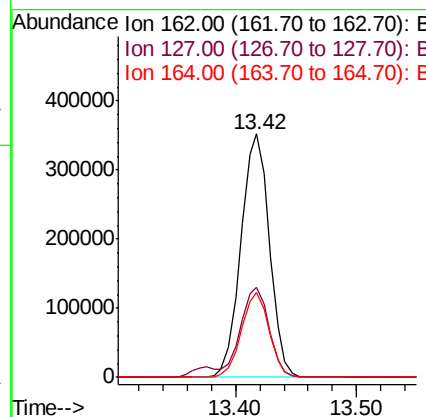
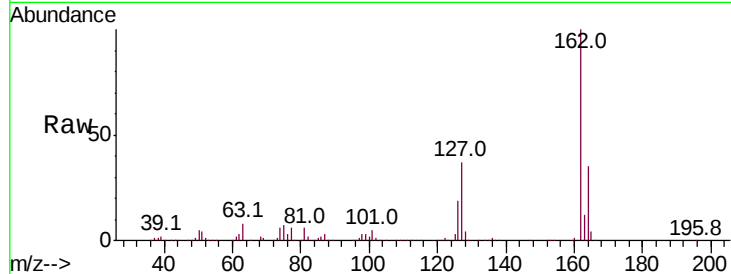
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	30.0	45.0
164	34.7	27.2	40.8

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#48

2-Nitroaniline

Concen: 45.905 ng

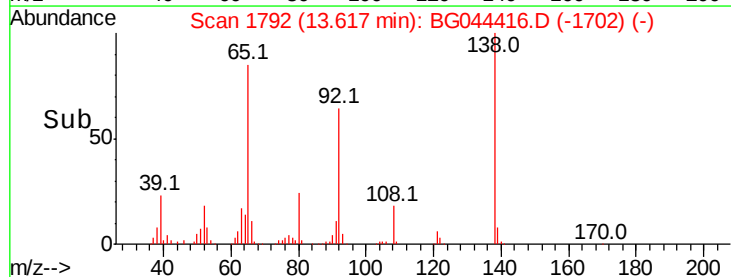
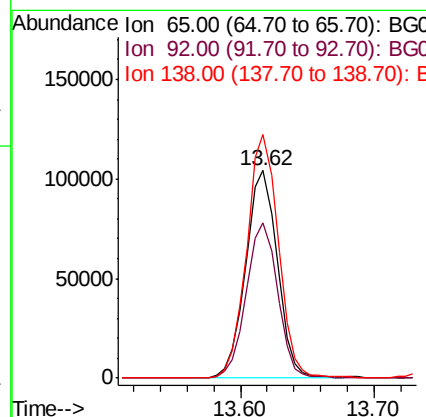
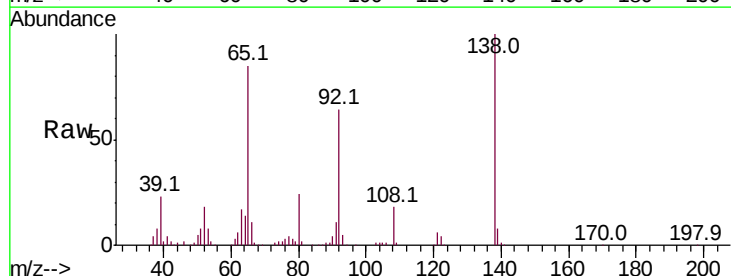
RT: 13.62 min Scan# 1792

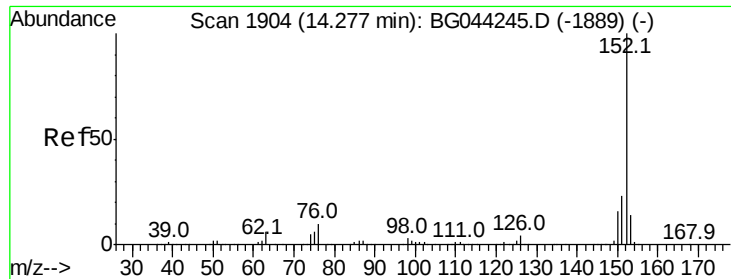
Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	60.3	90.5
138	117.5	91.9	137.9





#49

Acenaphthylene

Concen: 49.299 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

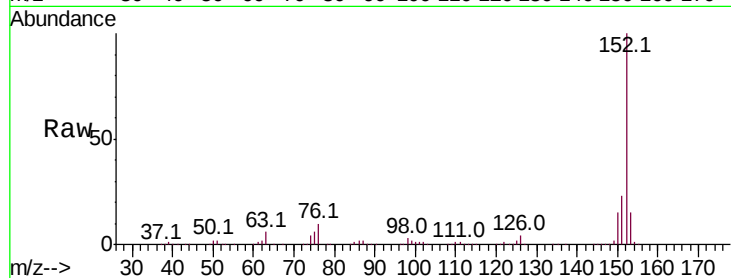
ClientSampleId :

SB-2I-(13.5-15.5)MS

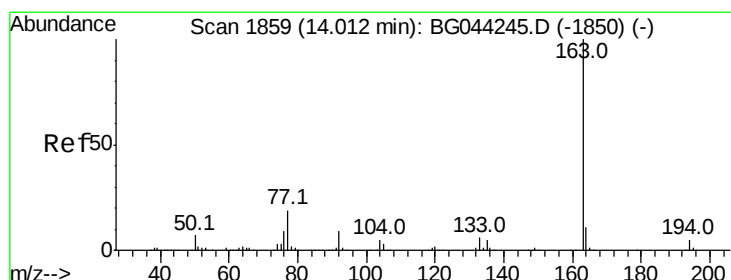
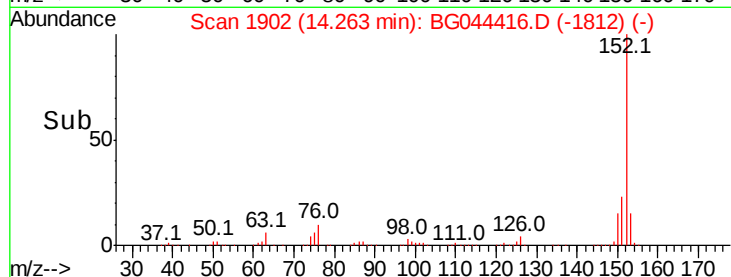
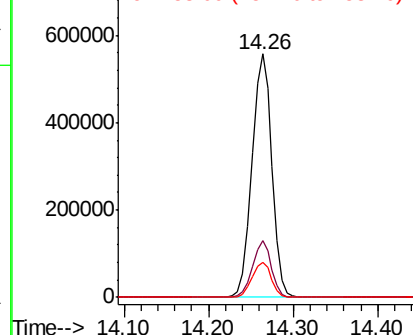
Tot Ion	Ratio	Lower	Upper
152	100		
151	23.2	18.1	27.1
153	14.5	11.5	17.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.800 ng

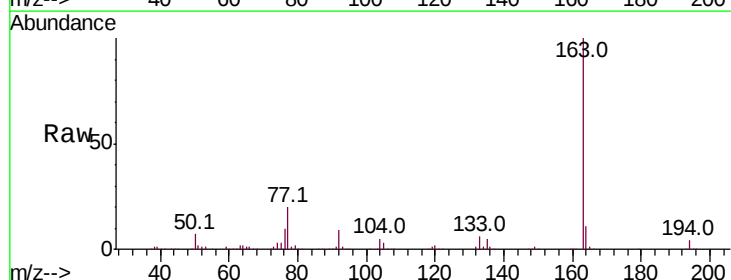
RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

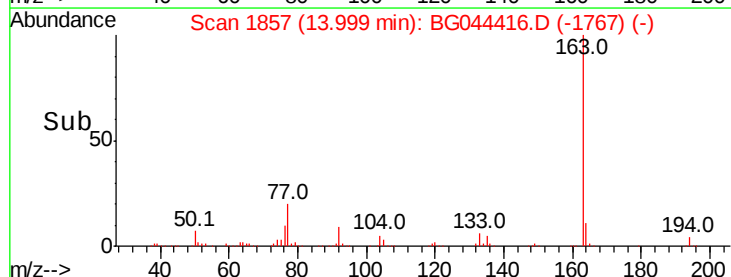
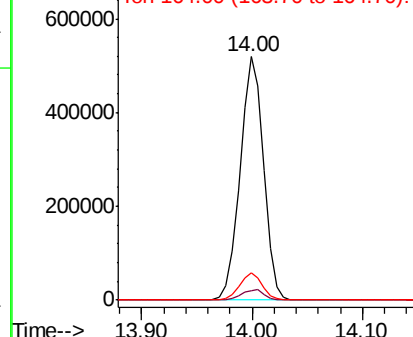
Lab File: BG044416.D

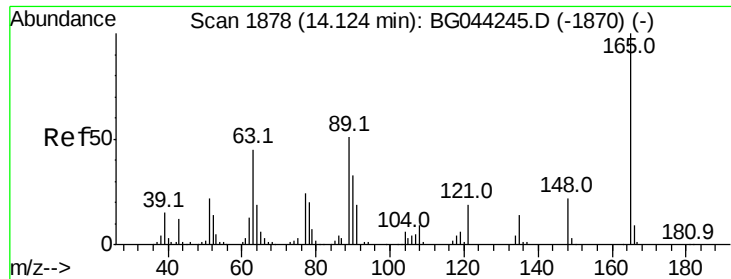
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.6	5.4
164	11.2	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





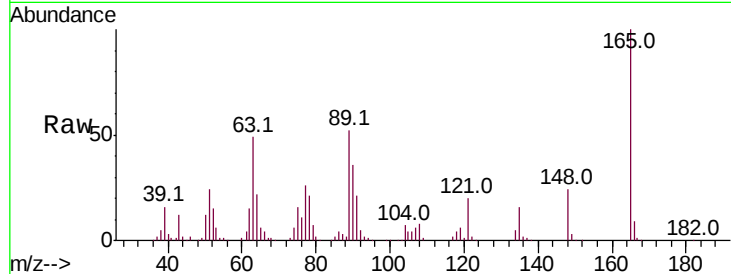
#51
2,6-Dinitrotoluene
Concen: 47.605 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	167569		
63	49.5	38.7	58.1	
89	51.6	40.4	60.6	

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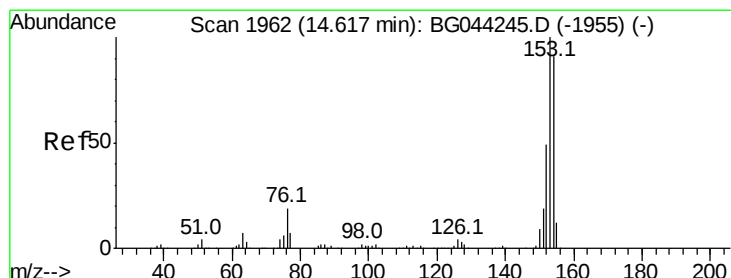
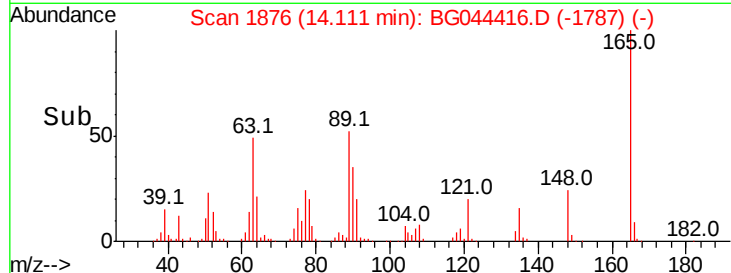
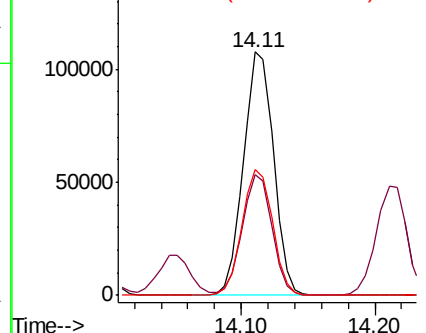


Abundance

Ion 165.00 (164.70 to 165.70): E

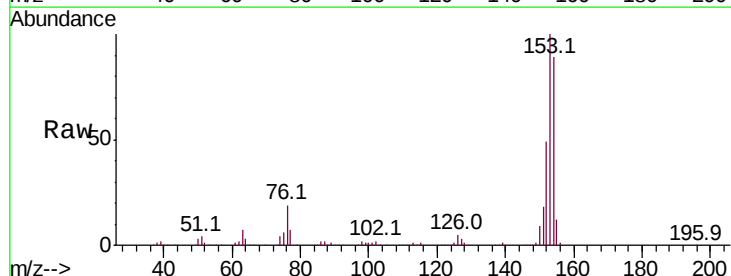
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52
Acenaphthene
Concen: 46.476 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	556988		
153	112.9	87.9	131.9	
152	55.0	43.1	64.7	

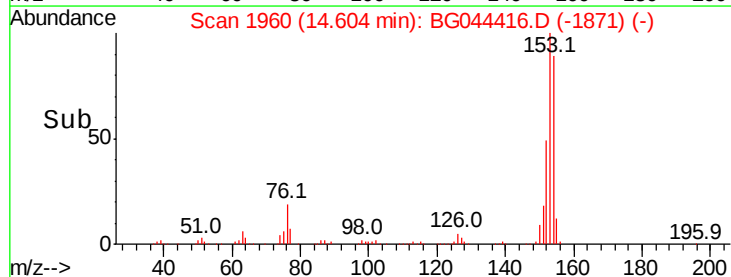
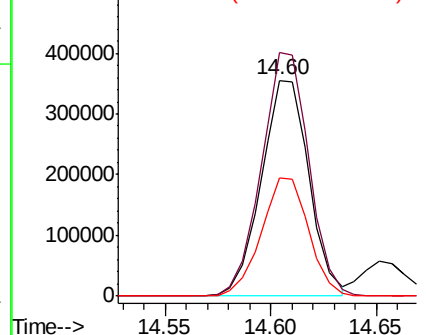


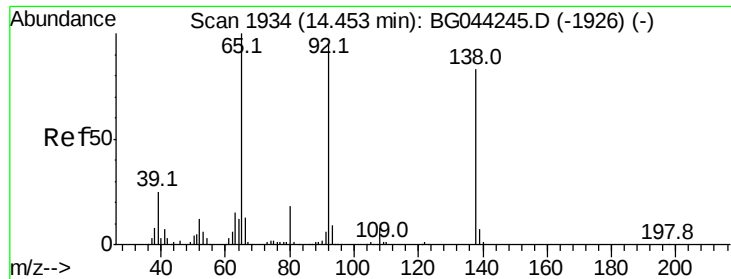
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





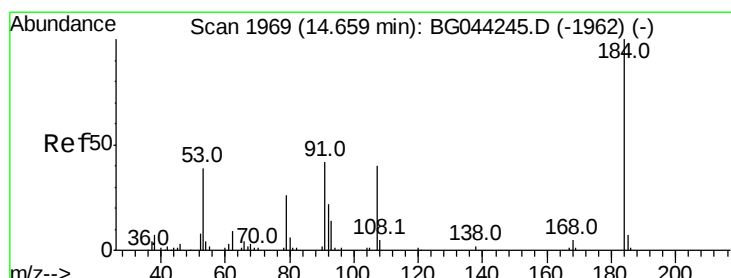
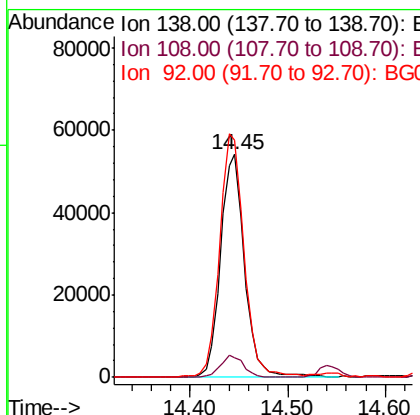
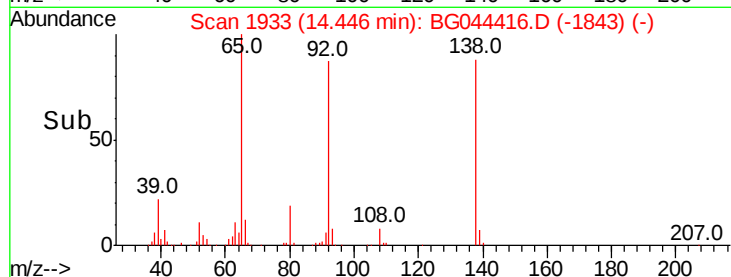
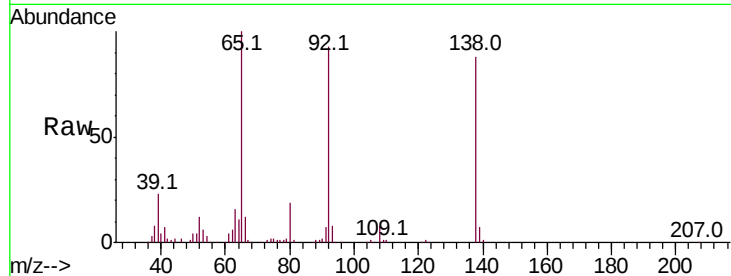
#53
3-Nitroaniline
Concen: 23.718 ng
RT: 14.45 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.9	7.9	11.9
92	106.5	91.0	136.4

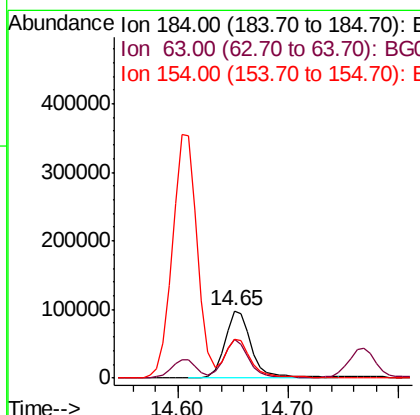
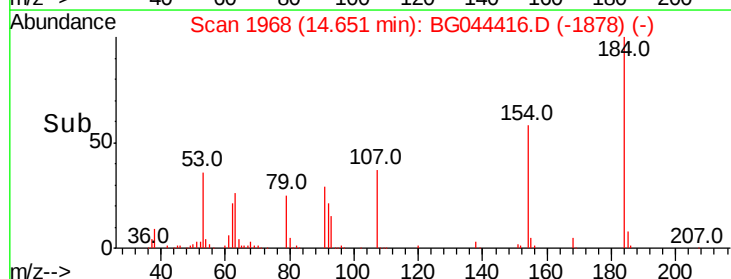
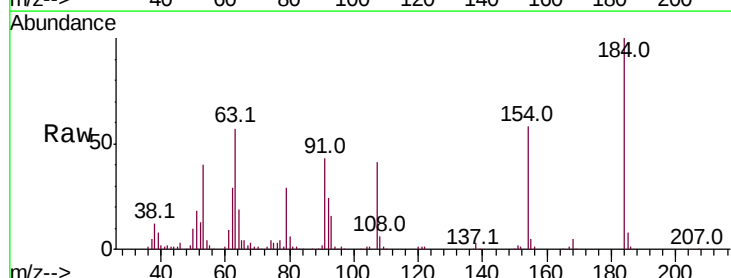
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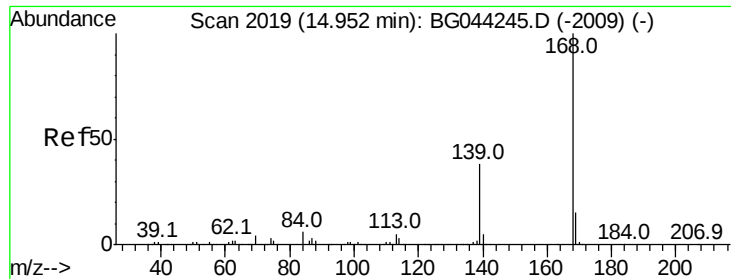
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#54
2,4-Dinitrophenol
Concen: 79.428 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.2	44.1	66.1
154	58.5	45.4	68.0





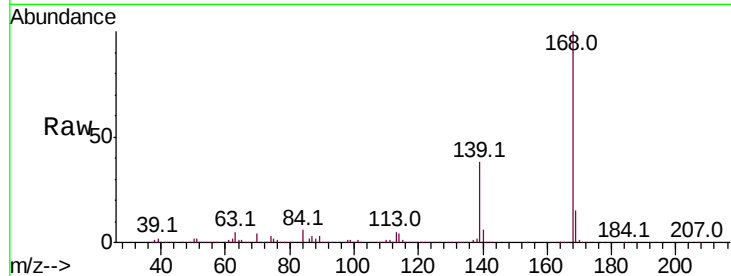
#55
Dibenzofuran
Concen: 47.861 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampled :
SB-2I-(13.5-15.5)MS

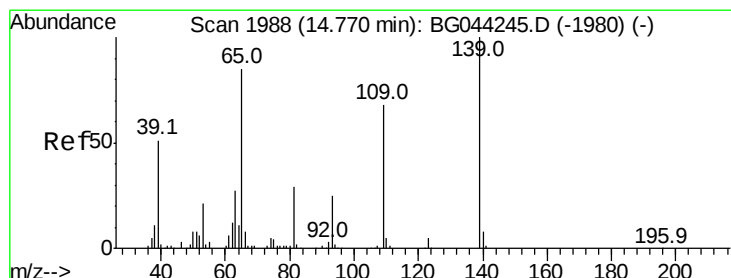
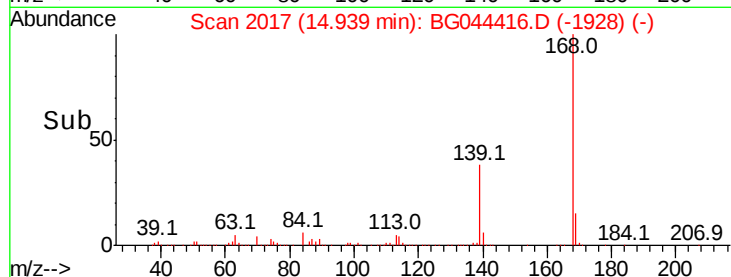
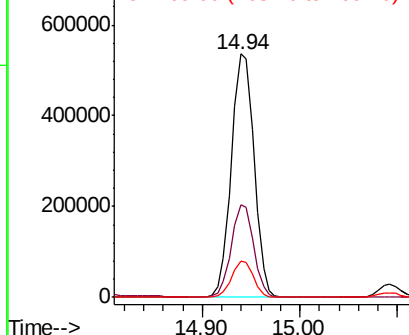
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.5	45.7
169	15.0	11.7	17.5

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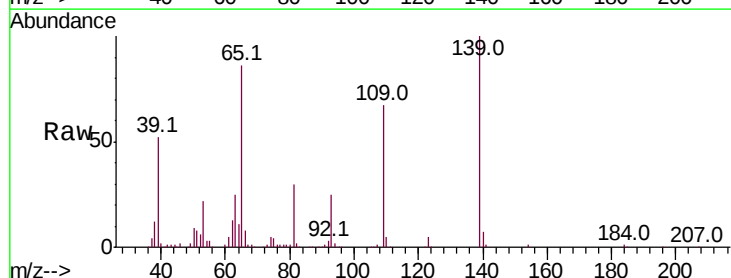


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

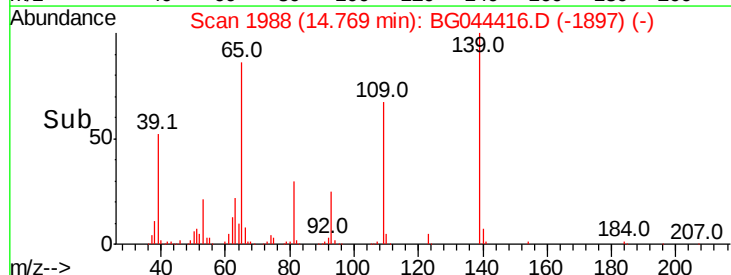
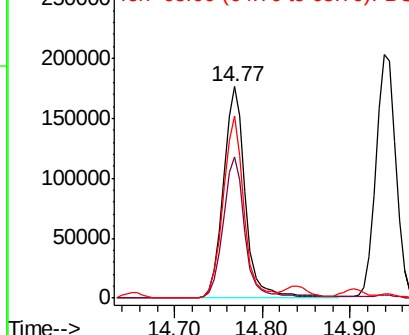


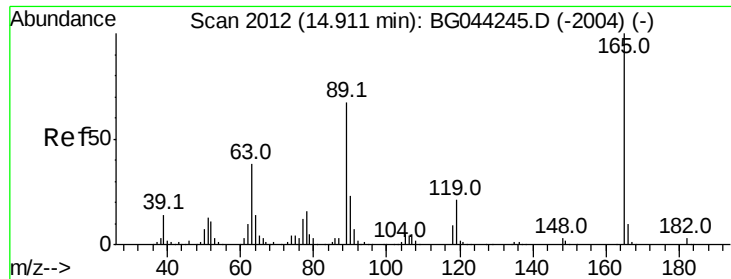
#56
4-Nitrophenol
Concen: 107.831 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.8	47.5	87.5
65	86.1	64.9	104.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC





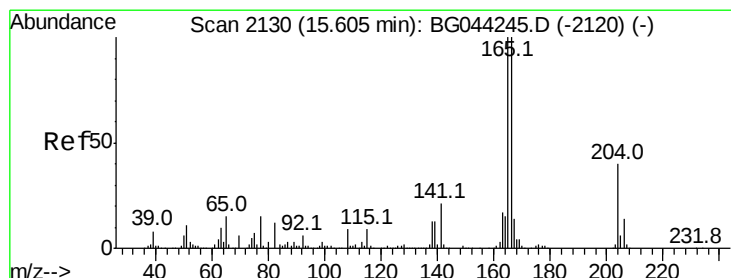
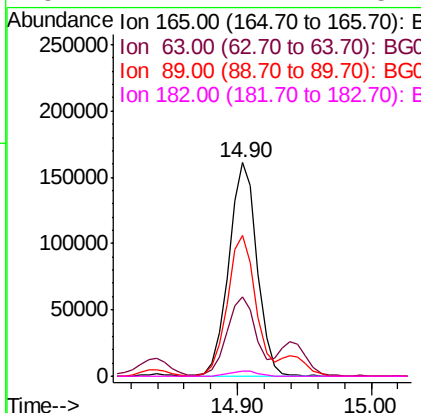
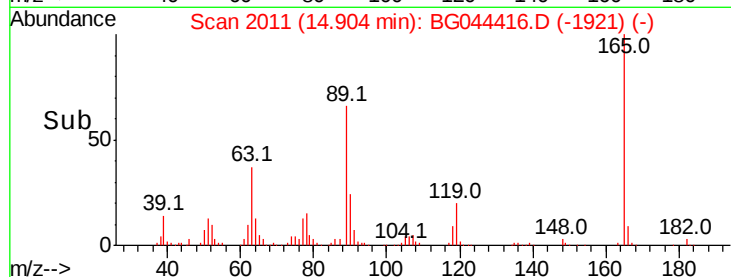
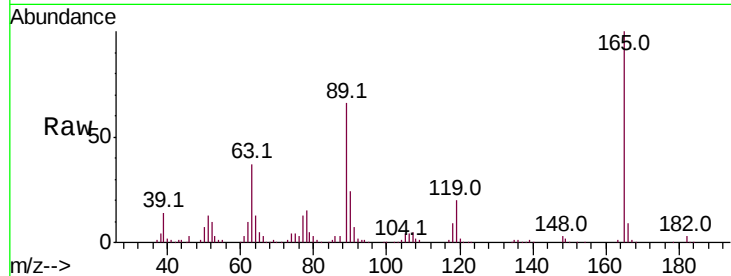
#57
2,4-Dinitrotoluene
Concen: 48.208 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	237836		
63	37.0	30.3	45.5	
89	66.1	53.4	80.2	
182	2.7	2.1	3.1	

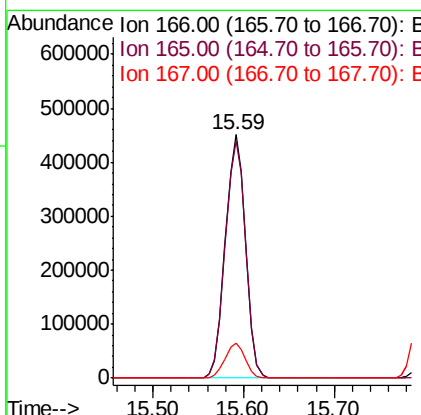
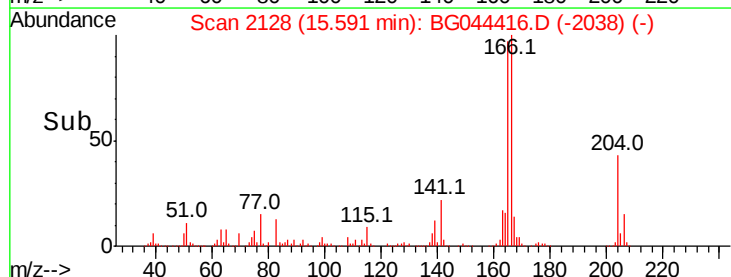
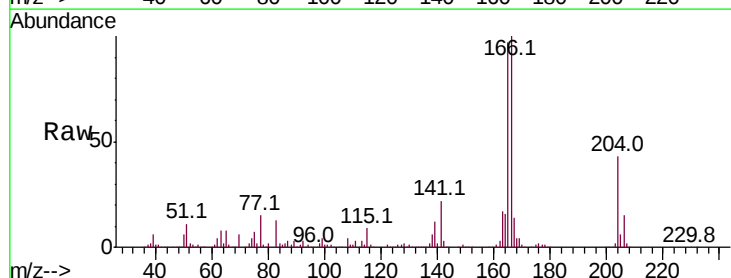
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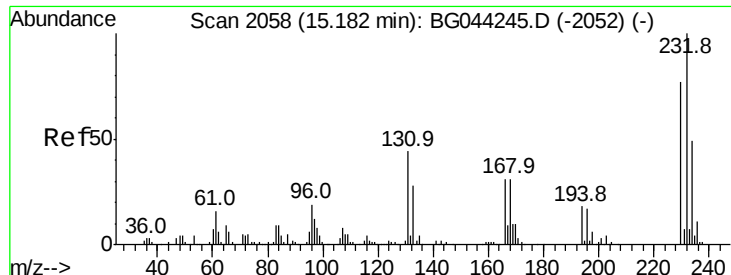
mohammad
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#58
Fluorene
Concen: 48.484 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	692910		
165	97.4	79.9	119.9	
167	14.4	11.4	17.0	





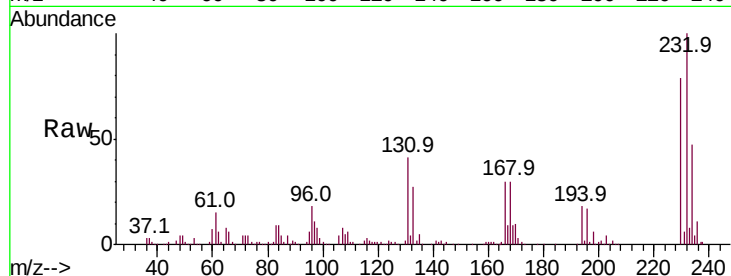
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.791 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MS

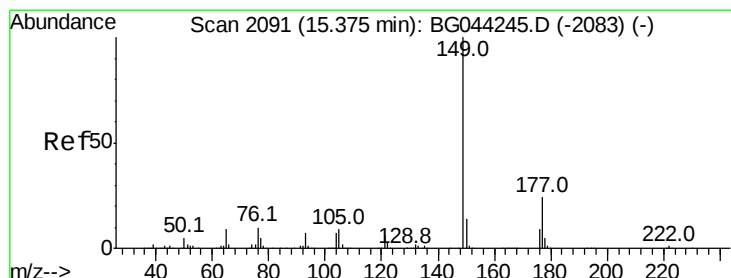
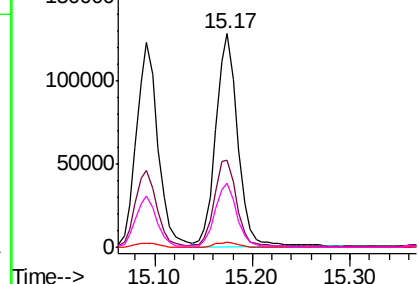
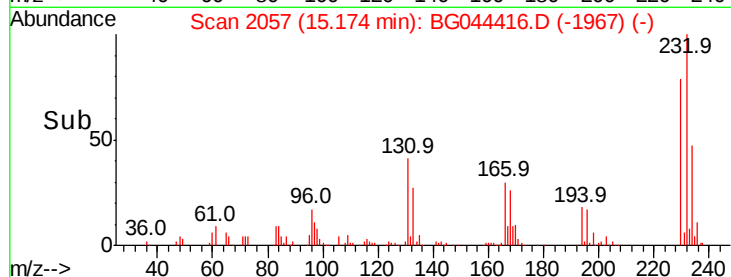
Tot Ion	Ratio	Resp	Lower	Upper
232	100	198985		
131	42.3		34.2	51.4
130	2.4		1.8	2.8
166	29.5		23.8	35.8

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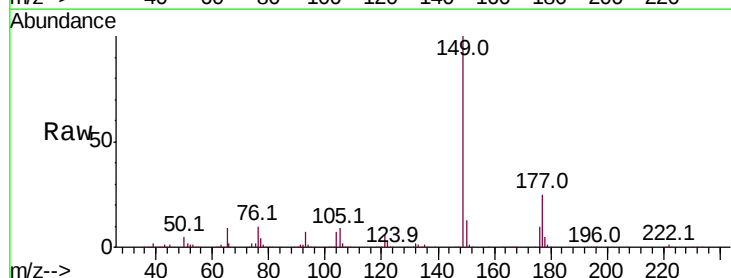


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

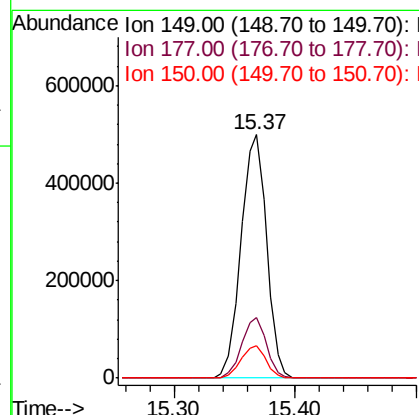
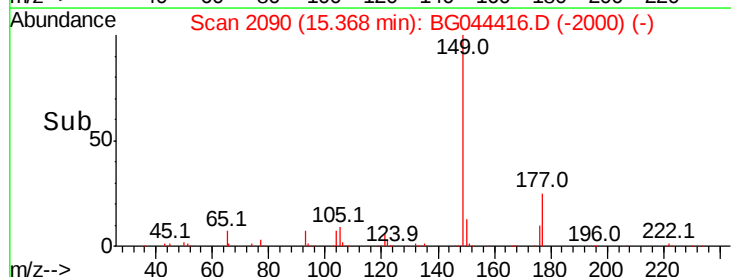


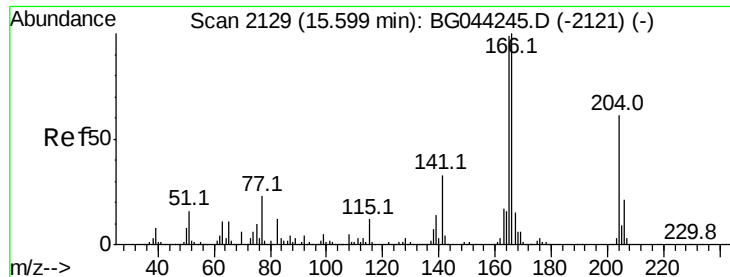
#60
 Diethylphthalate
 Concen: 46.922 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	738111		
177	24.8		19.4	29.0
150	13.1		10.9	16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





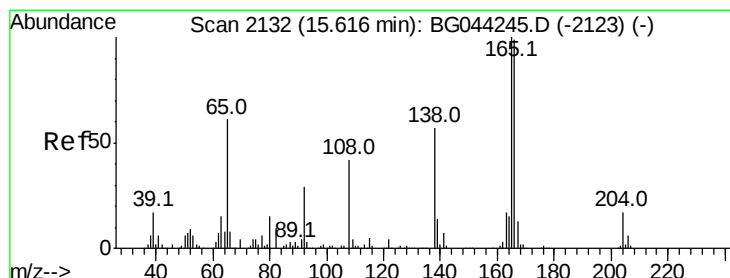
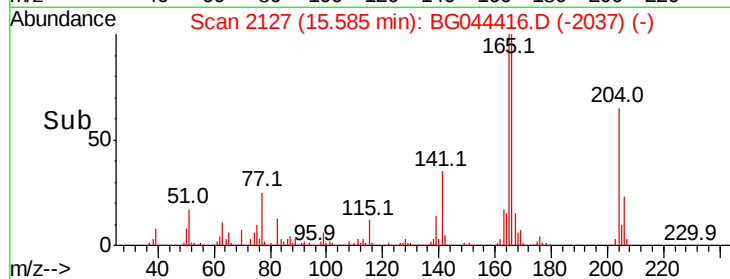
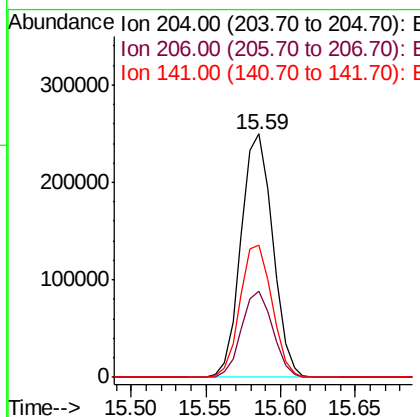
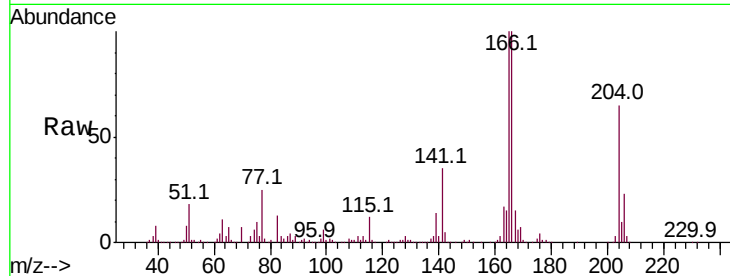
#61
4-Chlorophenyl-phenylether
Concen: 47.477 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.6	27.6	41.4
141	54.2	43.4	65.0

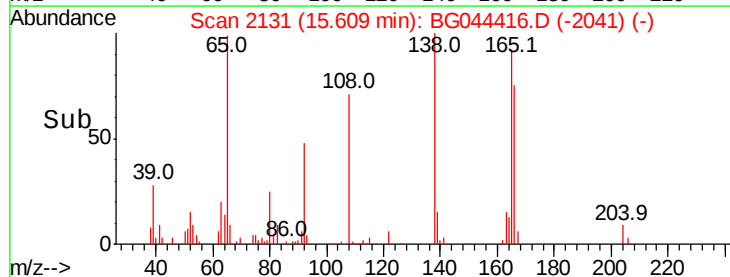
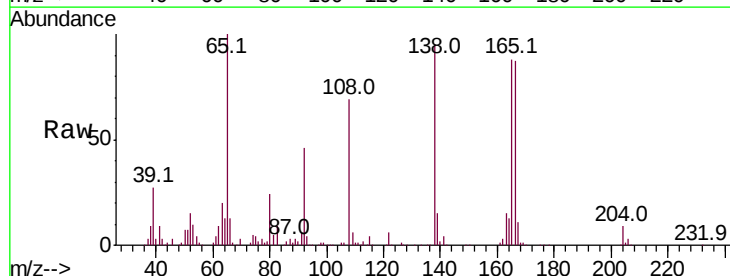
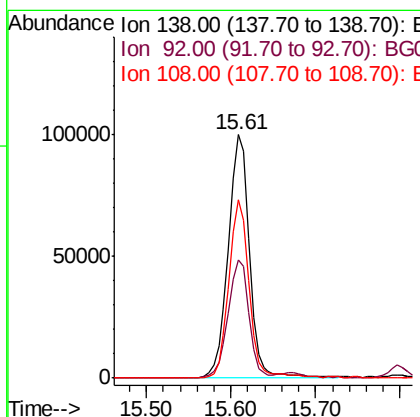
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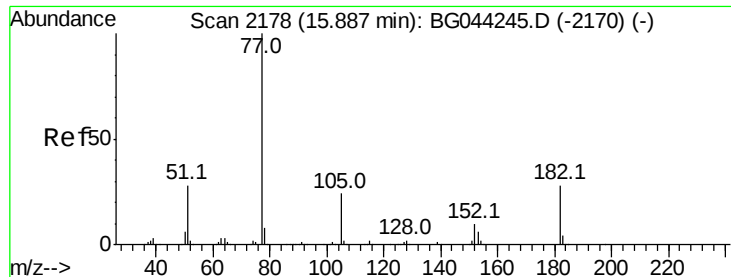
mohammad
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#62
4-Nitroaniline
Concen: 44.616 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	31.3	71.3
108	73.0	52.6	92.6





#63

Azobenzene

Concen: 48.392 ng

RT: 15.88 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion: 77 Resp: 667169

Ion Ratio Lower Upper

77 100

182 30.1 8.2 48.2

105 23.9 3.6 43.6

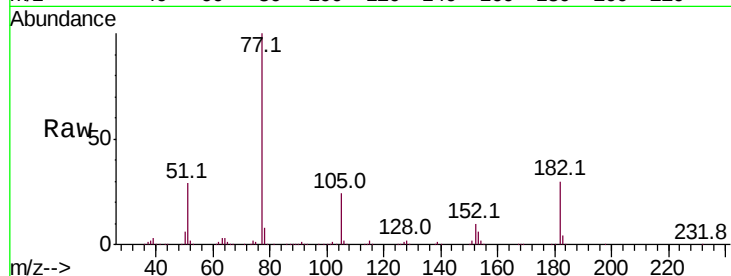
51 28.7 8.3 48.3

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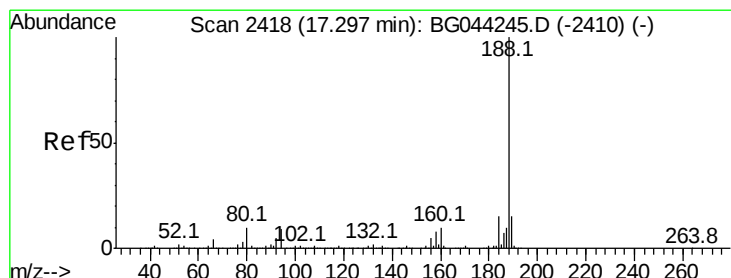
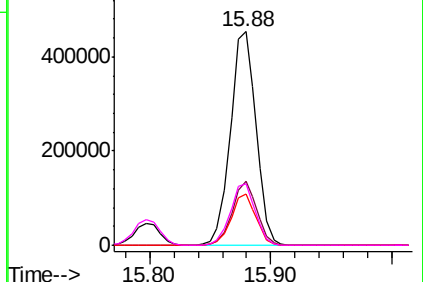
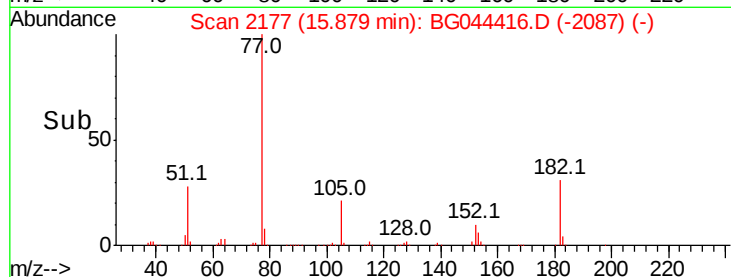


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.28 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

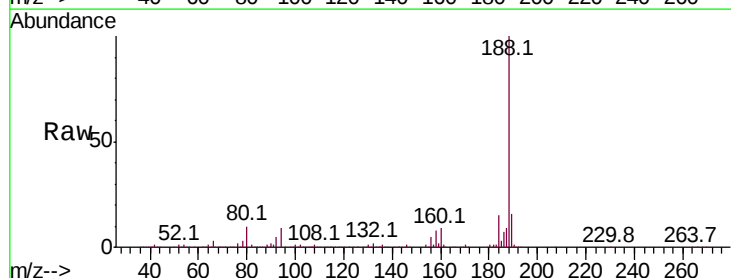
Tgt Ion: 188 Resp: 479372

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

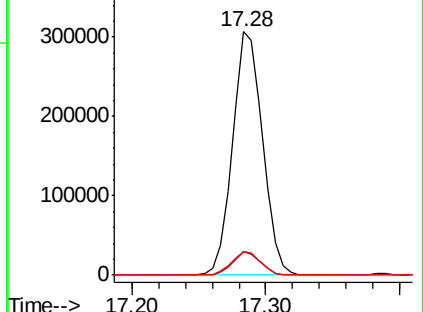
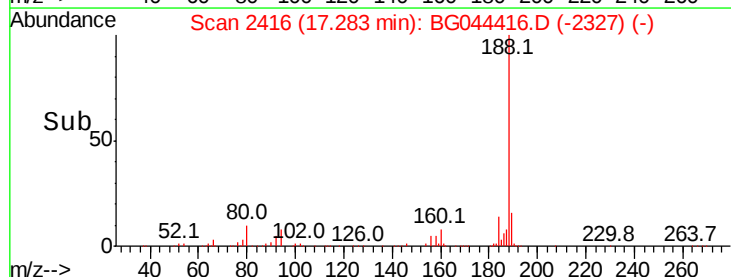
80 9.7 7.7 11.5

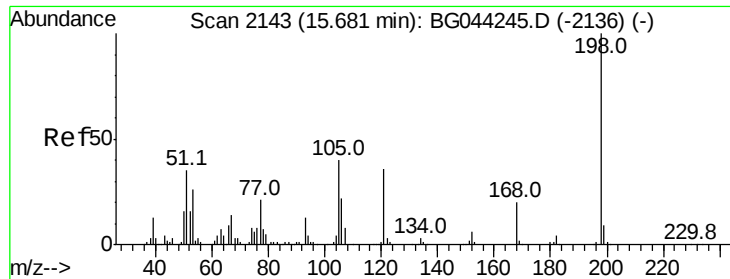


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 51.923 ng

RT: 15.67 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

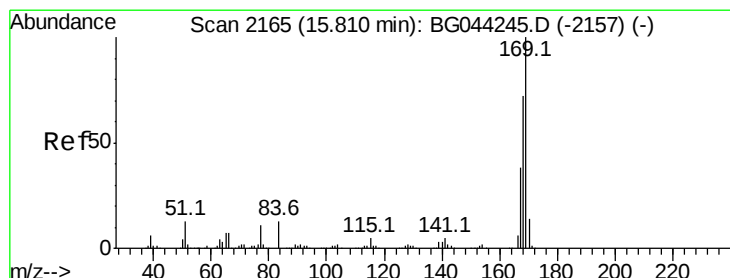
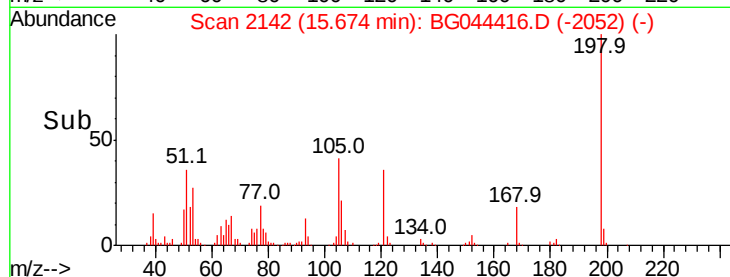
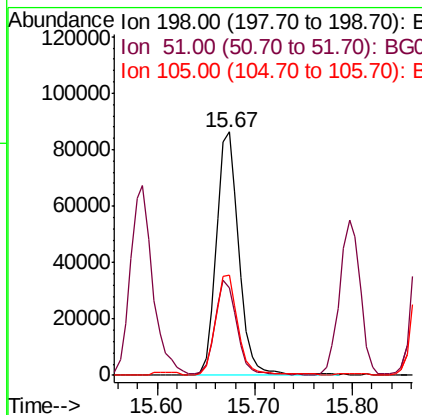
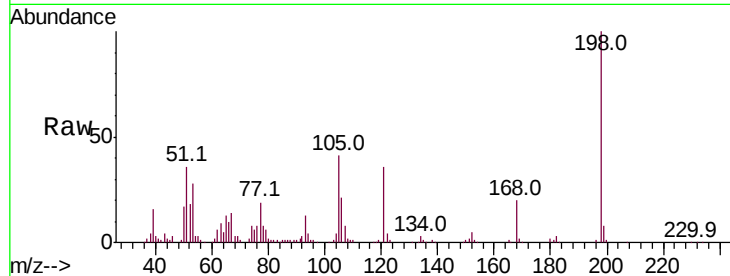
ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion:	198	Resp:	137394
Ion Ratio	Lower	Upper	
198	100		
51	36.1	16.6	56.6
105	41.0	20.6	60.6

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#66

n-Nitrosodiphenylamine

Concen: 48.449 ng

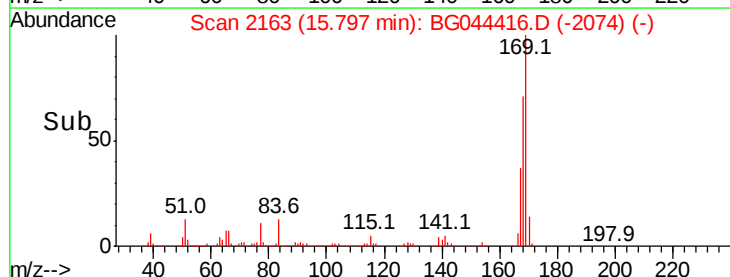
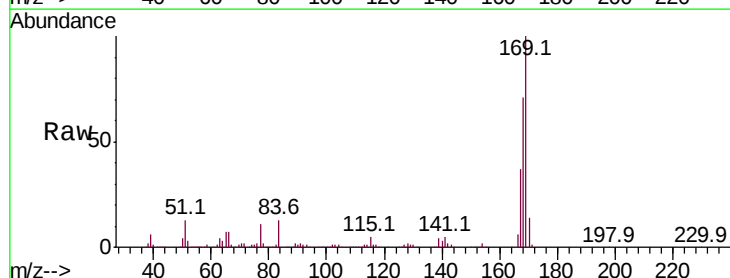
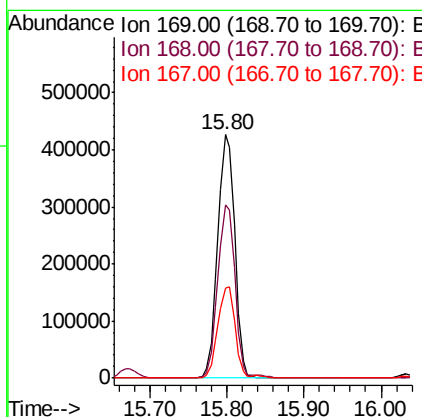
RT: 15.80 min Scan# 2163

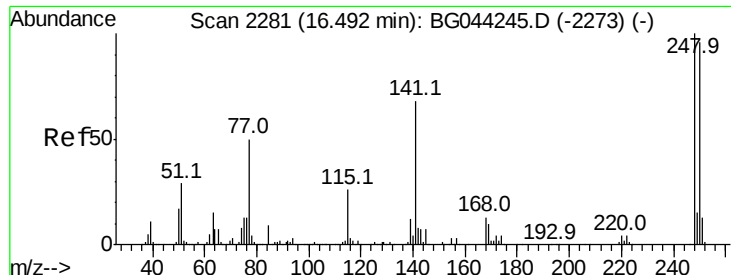
Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion:	169	Resp:	650866
Ion Ratio	Lower	Upper	
169	100		
168	71.0	57.9	86.9
167	37.2	30.7	46.1





#67

4-Bromophenyl-phenylether

Concen: 46.496 ng

RT: 16.48 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion:248 Resp: 242832

Ion Ratio Lower Upper

248 100

250 97.8 76.6 114.8

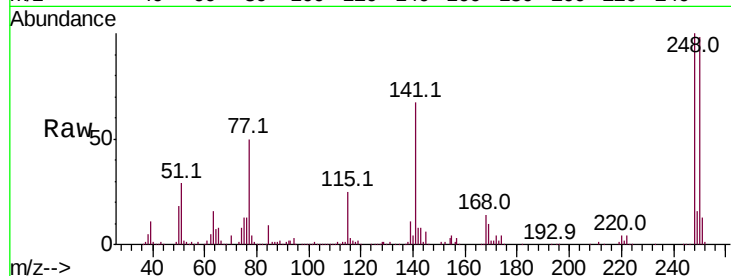
141 67.1 54.7 82.1

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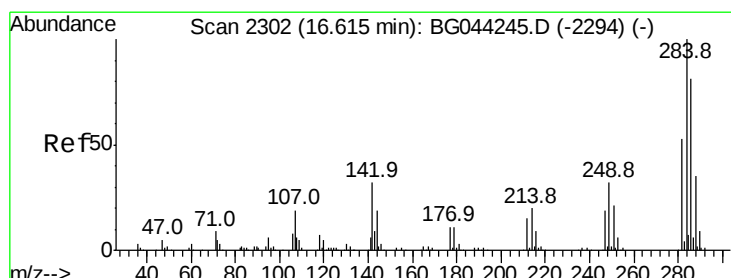
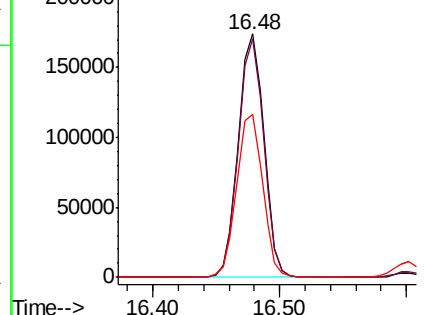
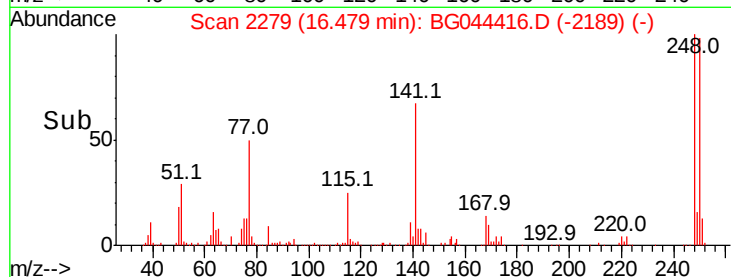


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 45.543 ng

RT: 16.60 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

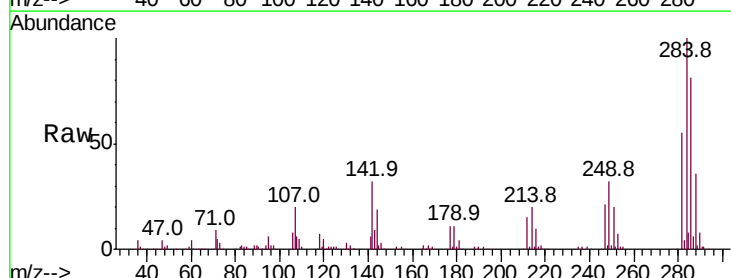
Tgt Ion:284 Resp: 266479

Ion Ratio Lower Upper

284 100

142 31.7 25.3 37.9

249 31.7 25.5 38.3

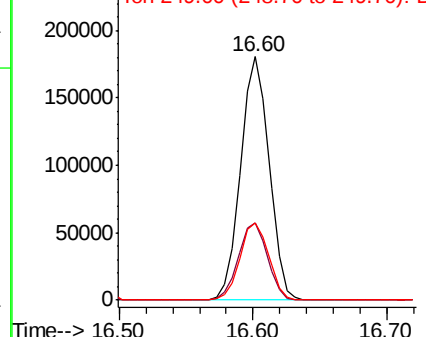
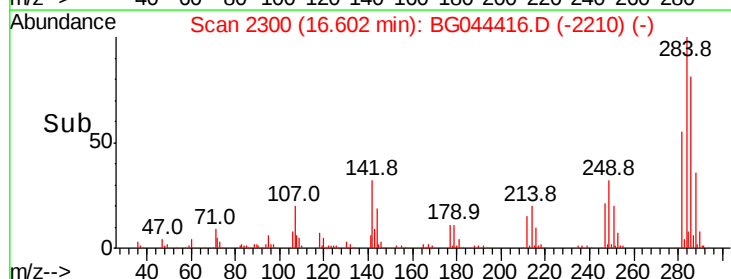


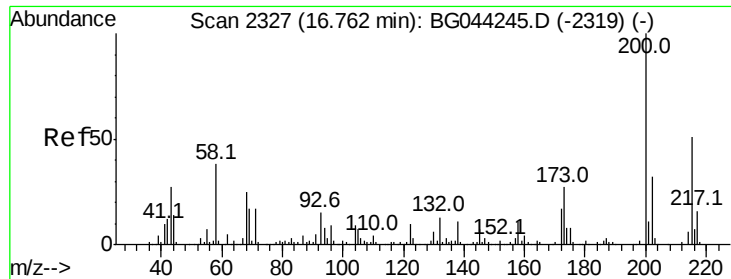
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





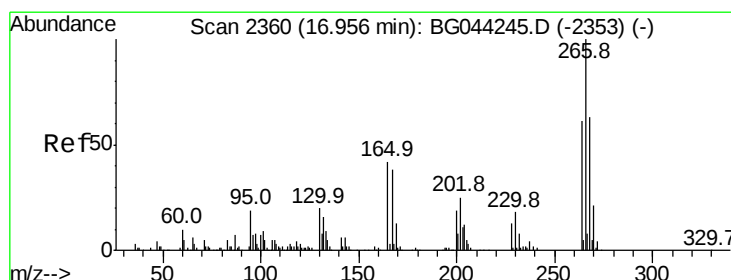
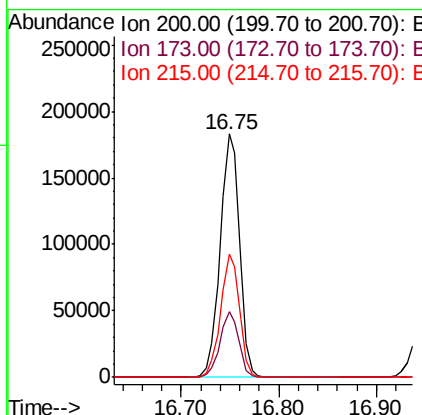
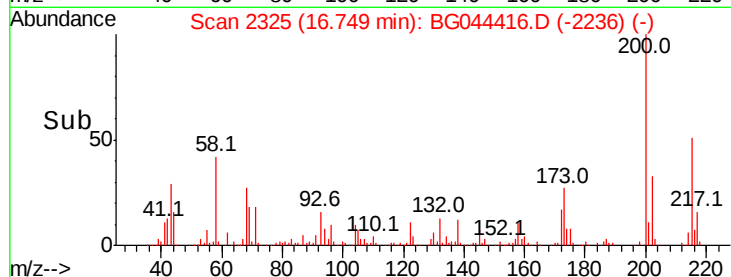
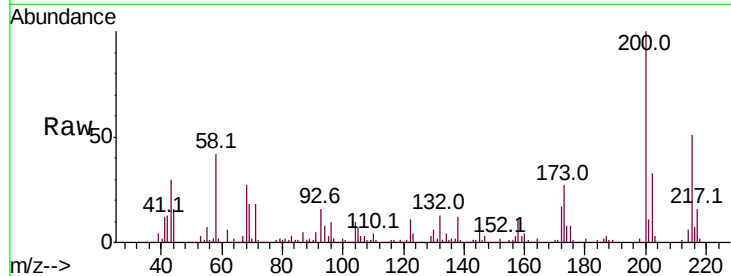
#69
Atrazine
Concen: 54.487 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.8	6.6	46.6
215	50.8	31.0	71.0

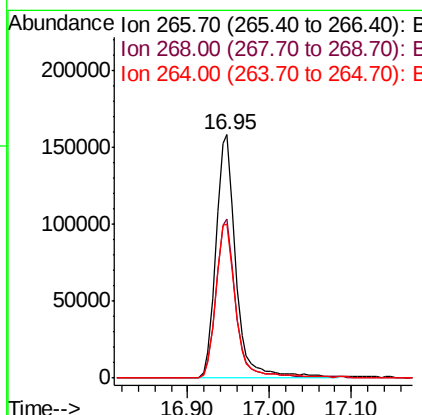
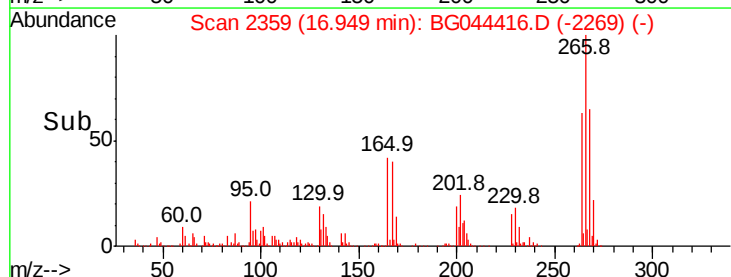
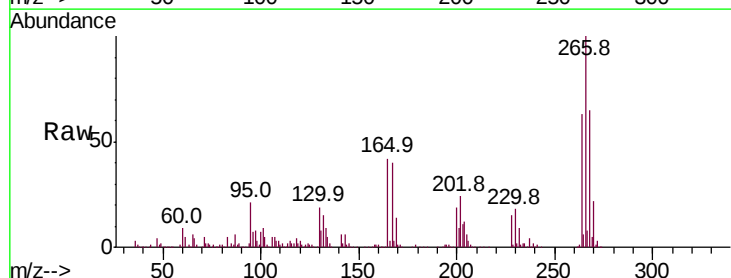
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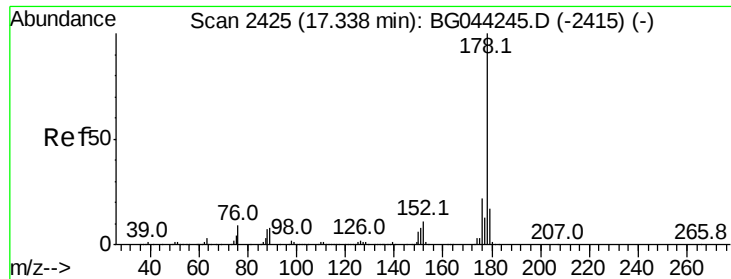
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#70
Pentachlorophenol
Concen: 90.917 ng
RT: 16.95 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.2	50.6	75.8
264	63.4	48.7	73.1





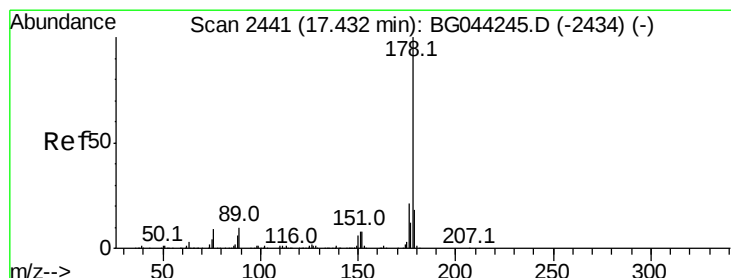
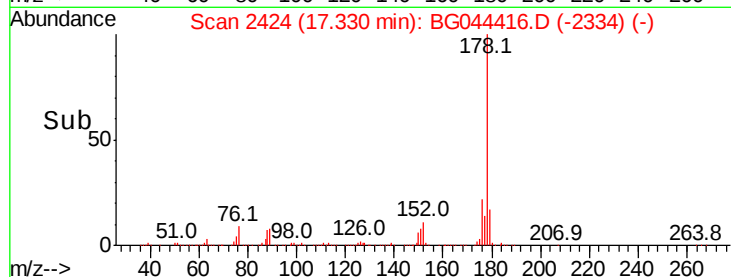
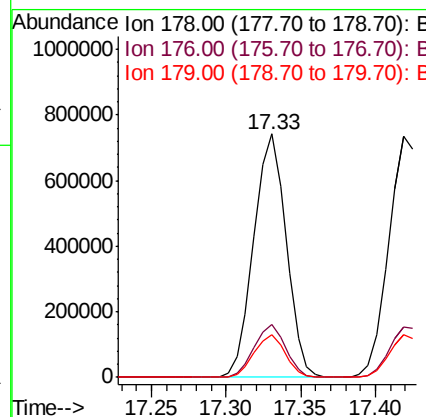
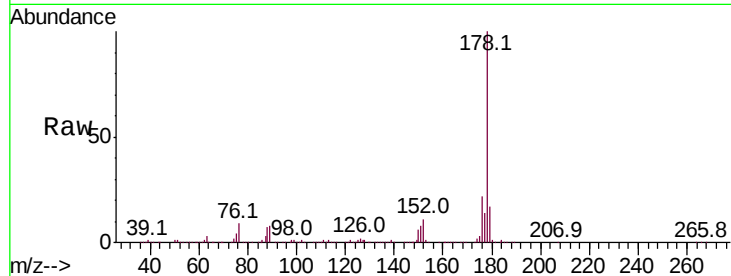
#71
Phenanthrene
Concen: 48.024 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.9	17.7	26.5
179	17.3	13.7	20.5

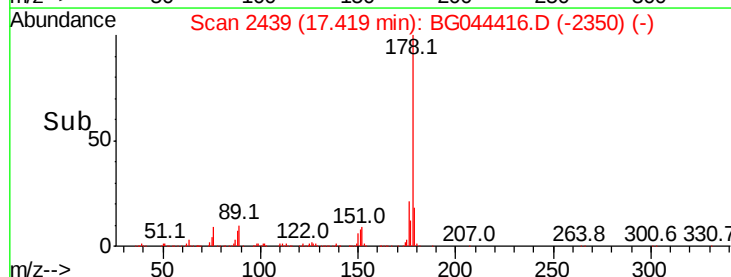
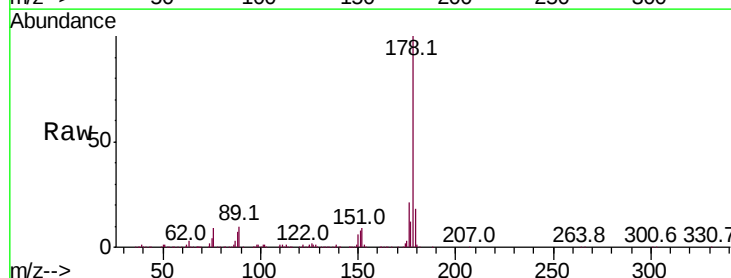
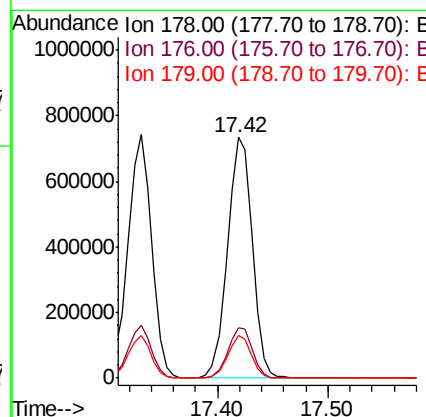
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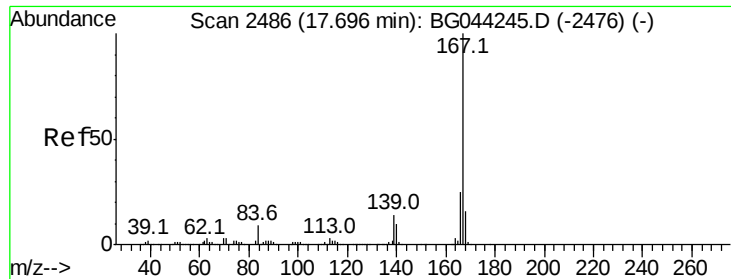
mohammad
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#72
Anthracene
Concen: 50.073 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.0	25.4
179	17.8	14.4	21.6





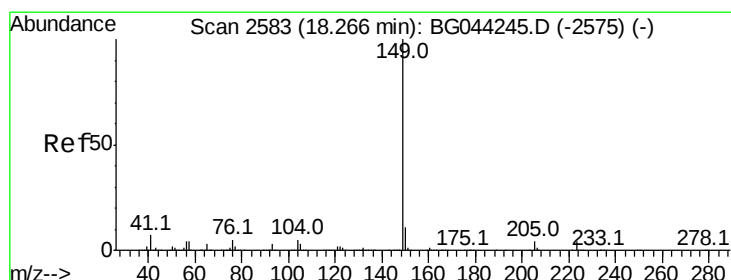
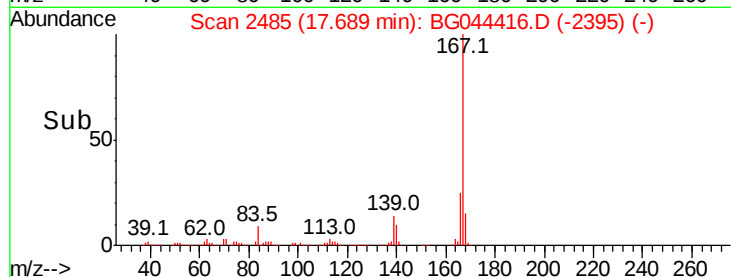
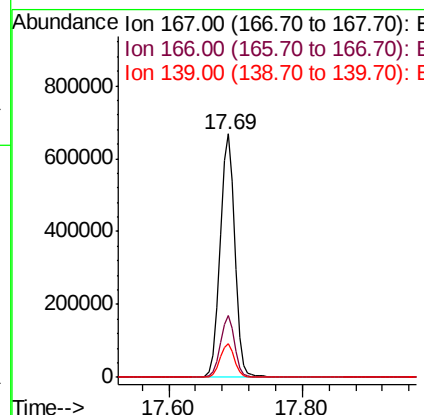
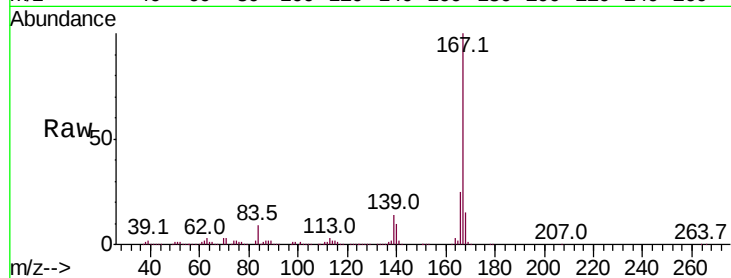
#73
 Carbazole
 Concen: 49.307 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.4	19.8	29.6
139	13.8	11.1	16.7

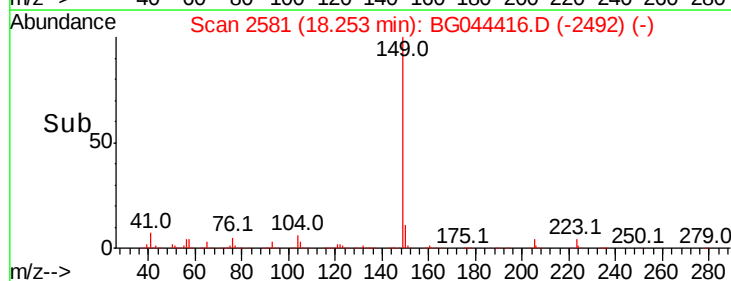
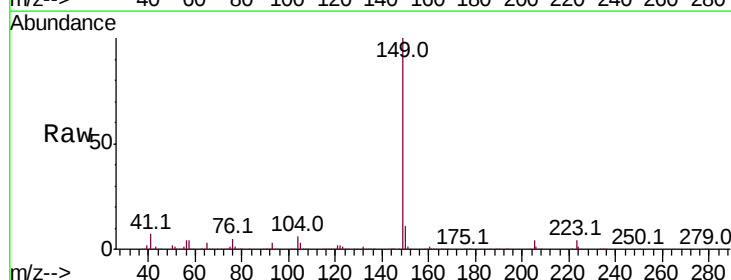
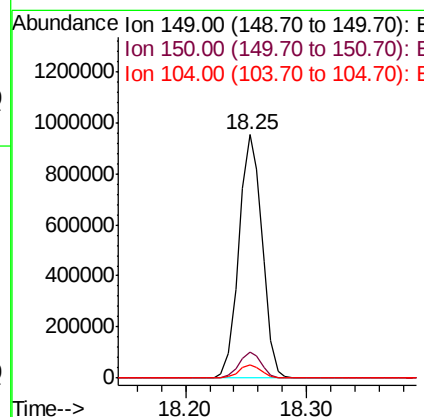
Manual Integrations
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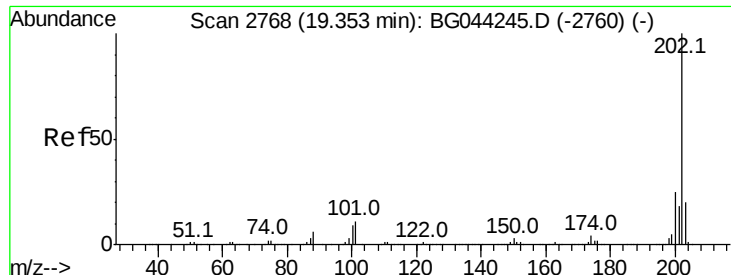
mohammad
 2/13/2020 3:33:55 PM



#74
 Di-n-butylphthalate
 Concen: 48.888 ng
 RT: 18.25 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.7	13.1
104	5.5	4.3	6.5





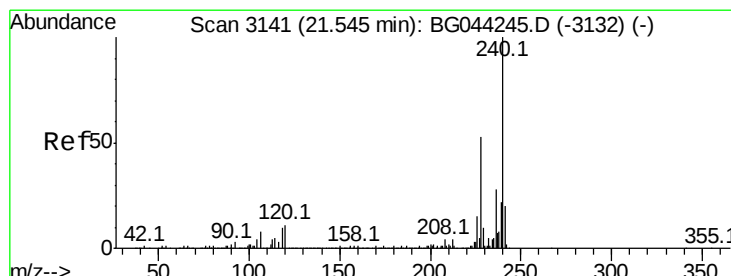
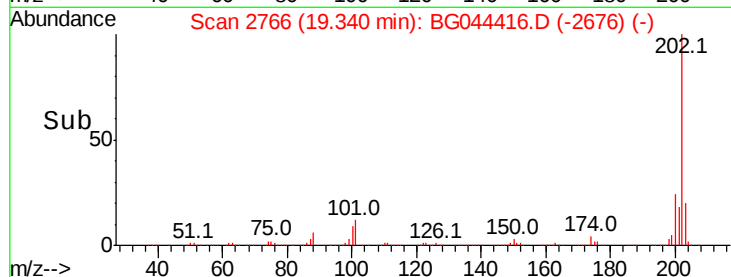
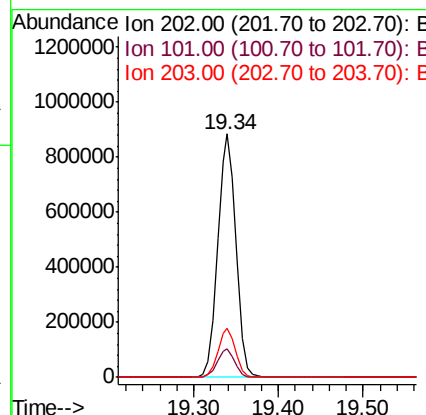
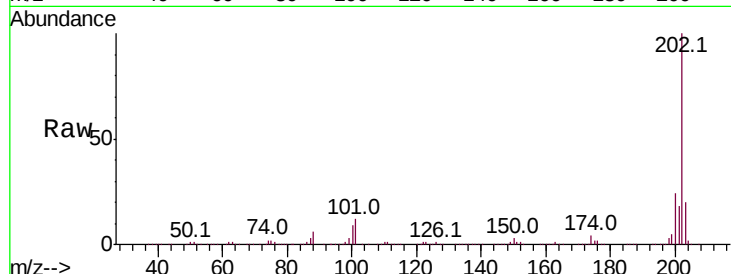
#75
Fluoranthene
 Concen: 49.736 ng
 RT: 19.34 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.3
203	20.1	0.0	39.9

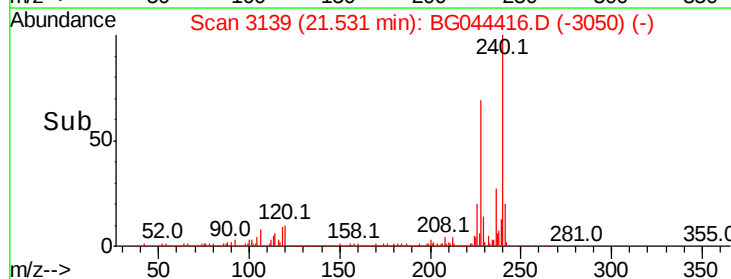
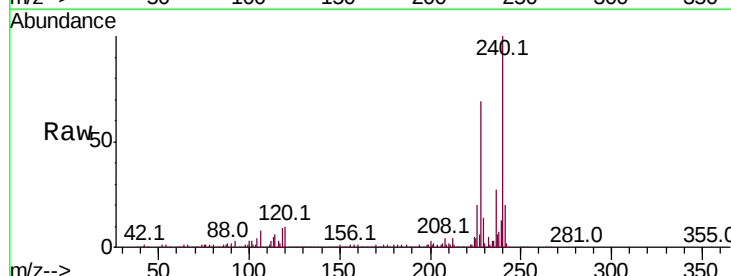
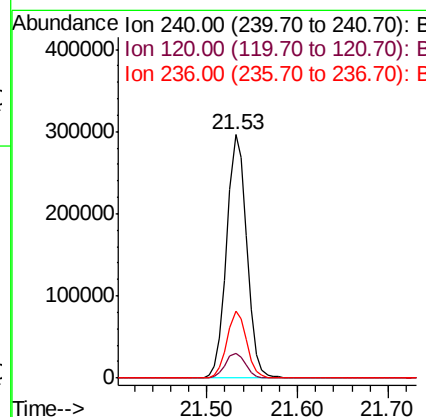
Manual Integrations
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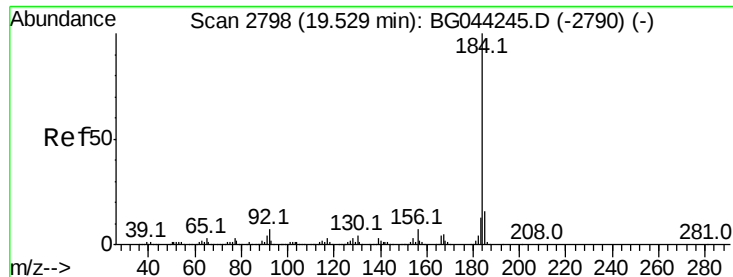
mohammad
 2/13/2020 3:33:55 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	27.5	22.1	33.1





#77

Benzidine

Concen: 44.471 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

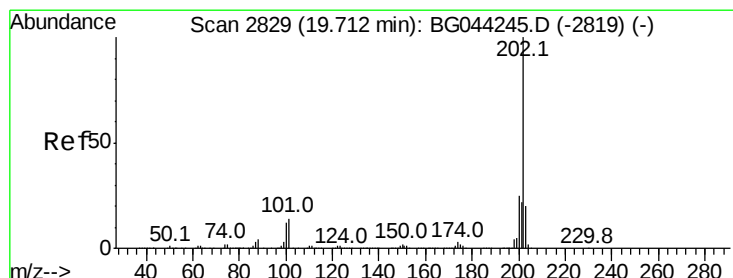
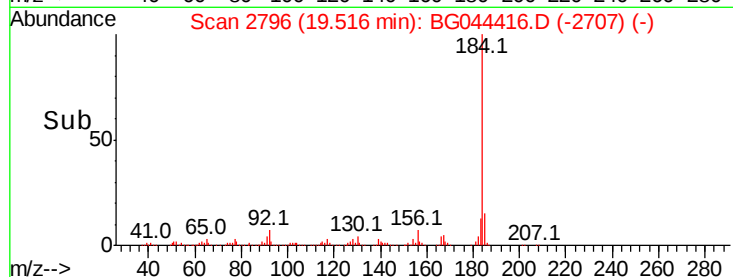
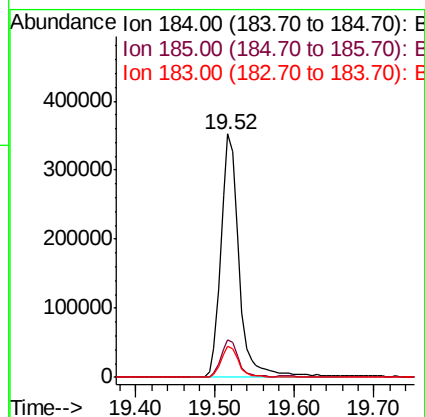
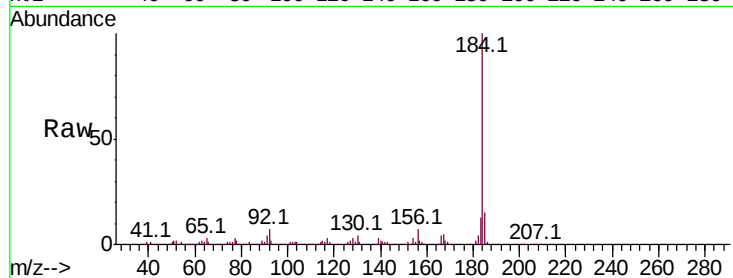
ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion:	184	Resp:	561784
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.9	19.3
183	13.0	10.8	16.2

Manual Integrations
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#78

Pyrene

Concen: 45.470 ng

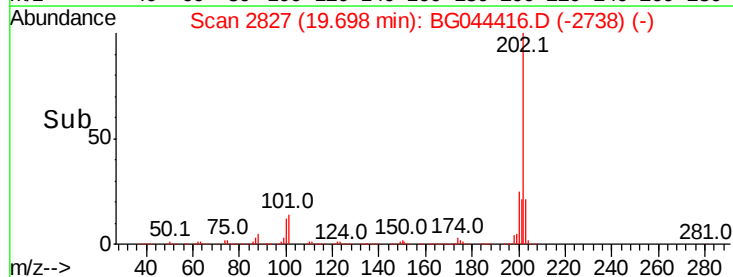
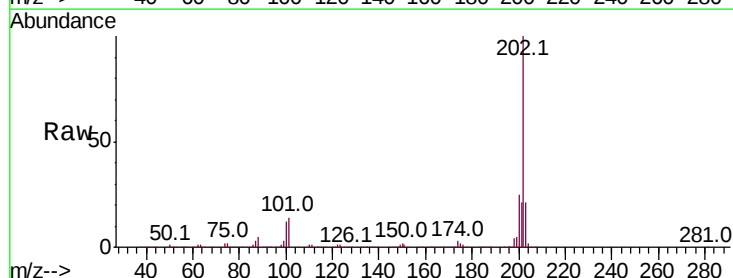
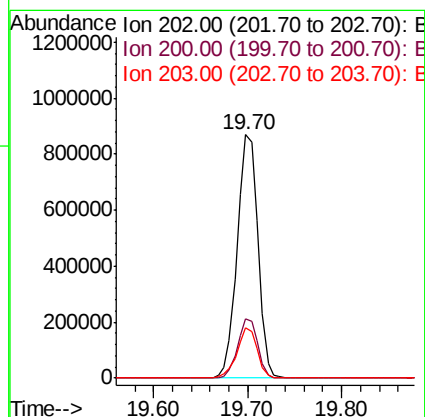
RT: 19.70 min Scan# 2827

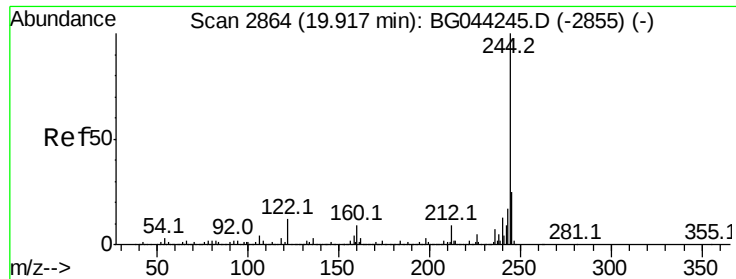
Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion:	202	Resp:	1329914
Ion Ratio	Lower	Upper	
202	100		
200	24.6	20.0	30.0
203	20.5	16.2	24.2





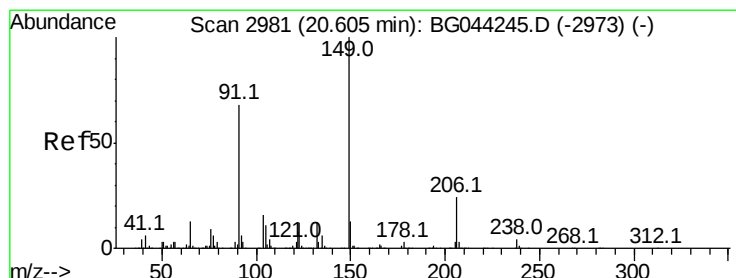
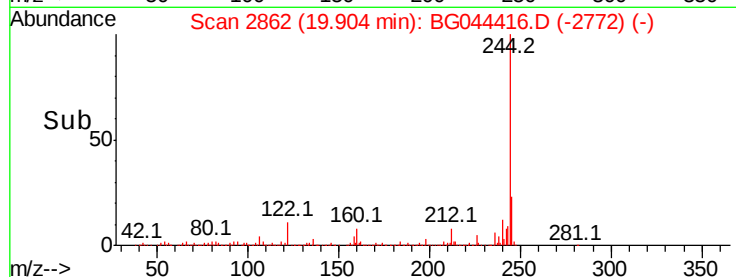
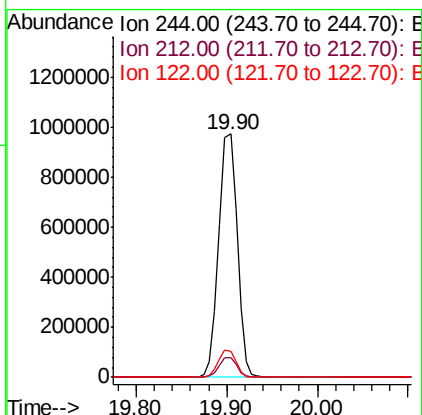
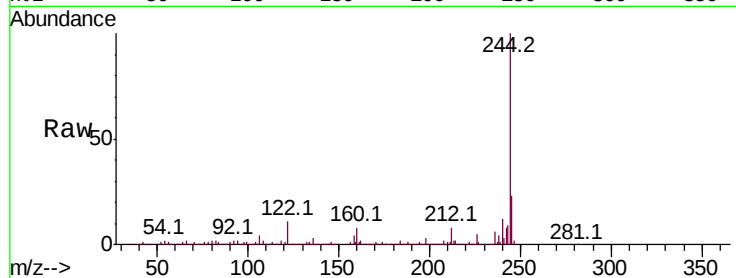
#79
 Terphenyl-d14
 Concen: 62.542 ng
 RT: 19.90 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.4	11.2
122	10.8	9.8	14.6

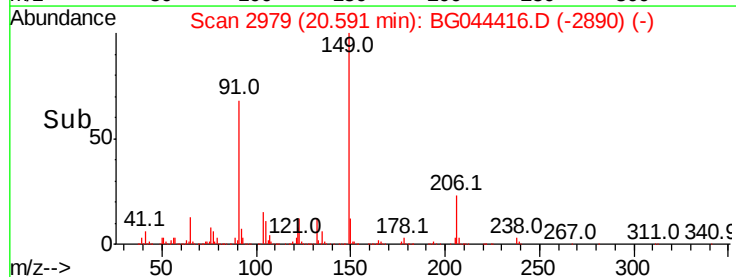
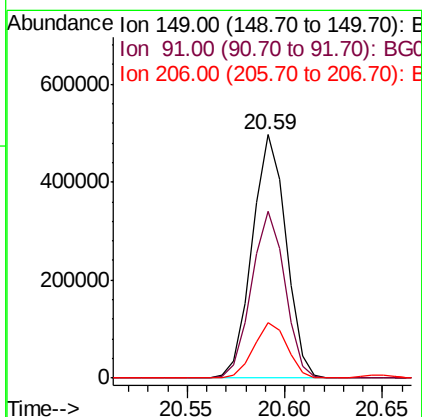
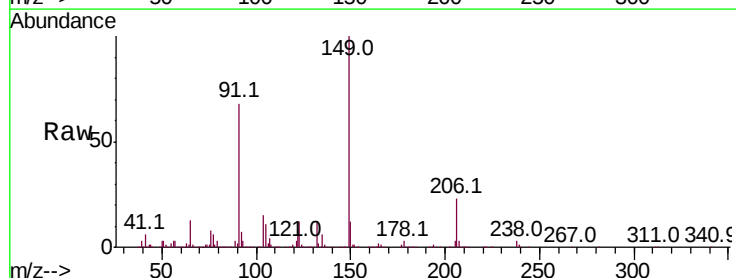
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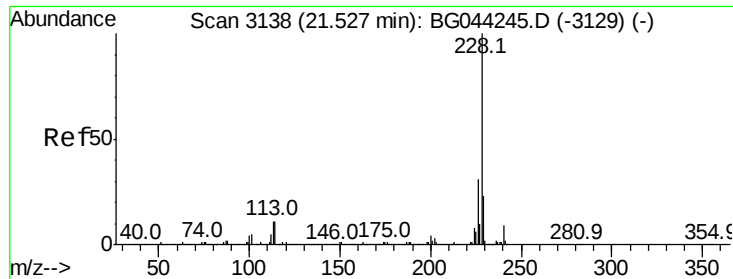
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.858 ng
 RT: 20.59 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BG044416.D
 Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	54.5	81.7
206	22.8	19.1	28.7





#81

Benzo(a)anthracene

Concen: 45.359 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

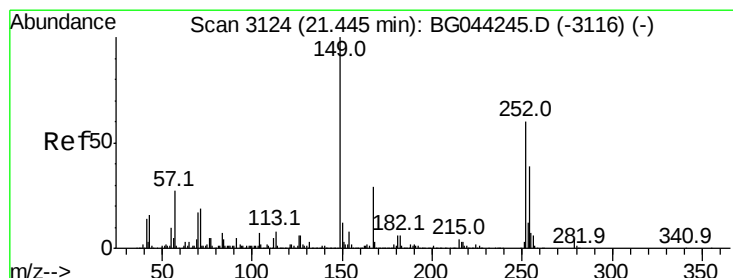
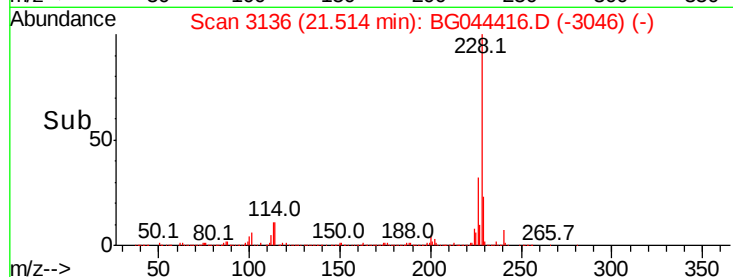
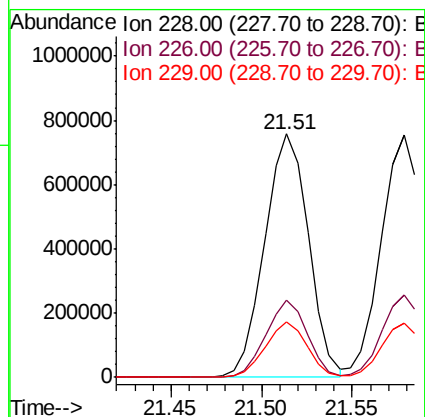
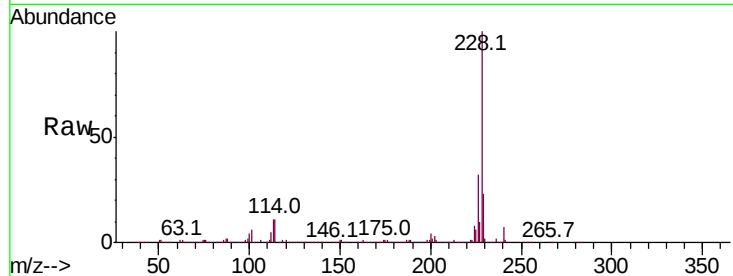
ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion:	228	Resp:	1273174
Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.7	37.1
229	22.8	18.2	27.4

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#82

3,3'-Dichlorobenzidine

Concen: 21.809 ng

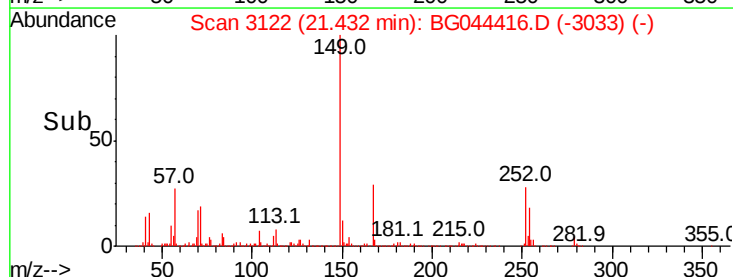
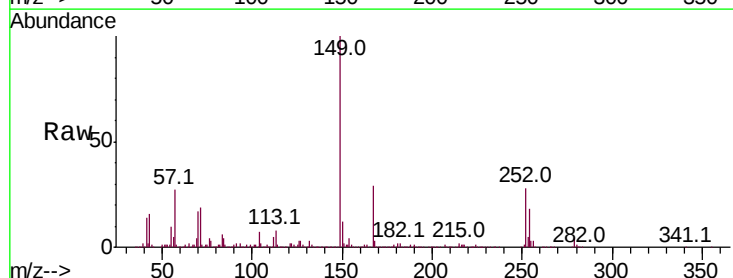
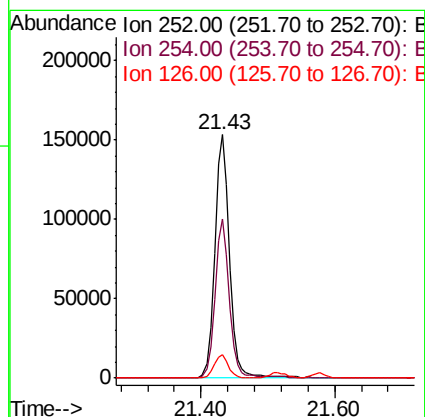
RT: 21.43 min Scan# 3122

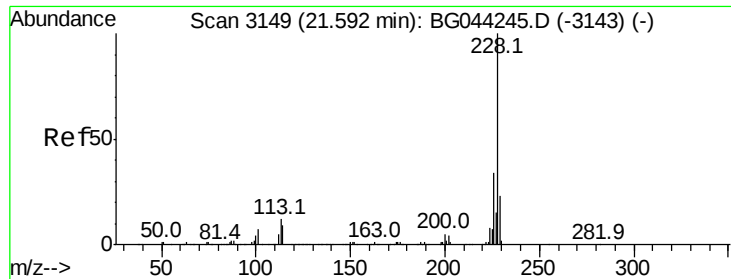
Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion:	252	Resp:	237576
Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.6	78.8
126	9.6	8.2	12.4





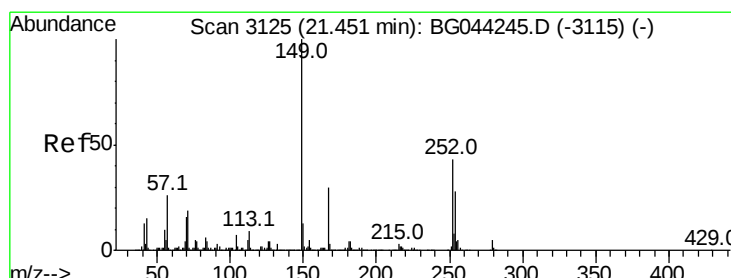
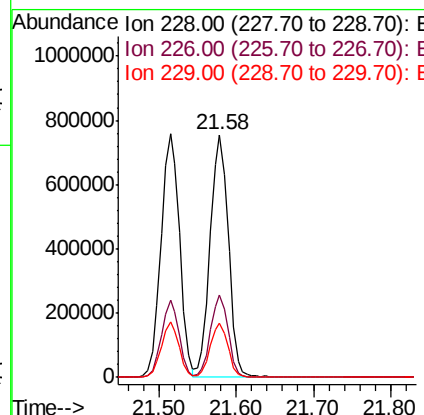
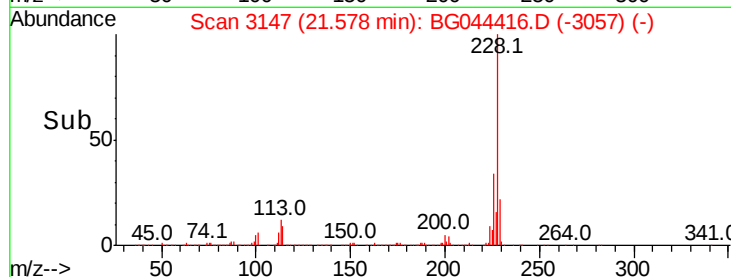
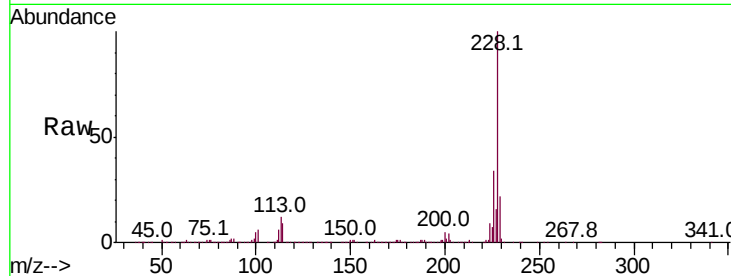
#83
Chrysene
Concen: 45.390 ng
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion:228 Resp: 1231474
Ion Ratio Lower Upper
228 100
226 33.7 27.1 40.7
229 22.3 17.9 26.9

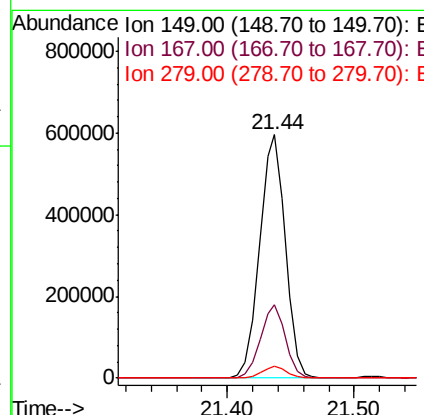
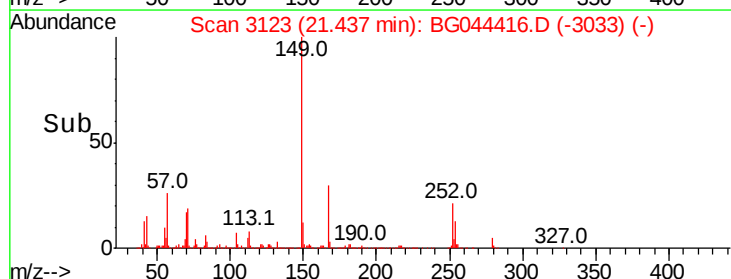
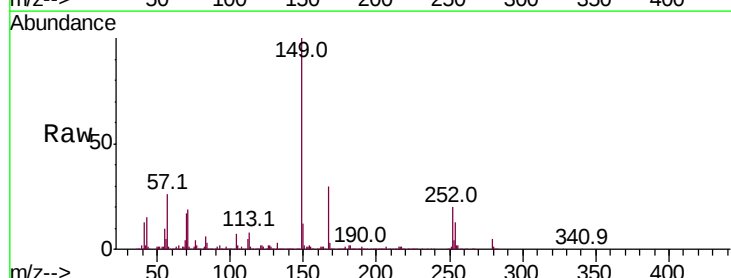
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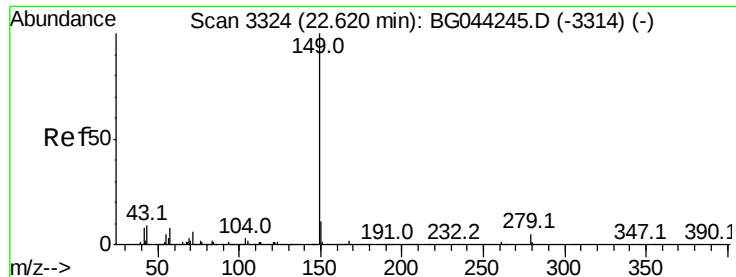
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.948 ng
RT: 21.44 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion:149 Resp: 842945
Ion Ratio Lower Upper
149 100
167 30.0 24.0 36.0
279 5.0 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 46.091 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

ClientSampleId :

SB-2I-(13.5-15.5)MS

Tot Ion:149 Resp: 1463035

Ion Ratio Lower Upper

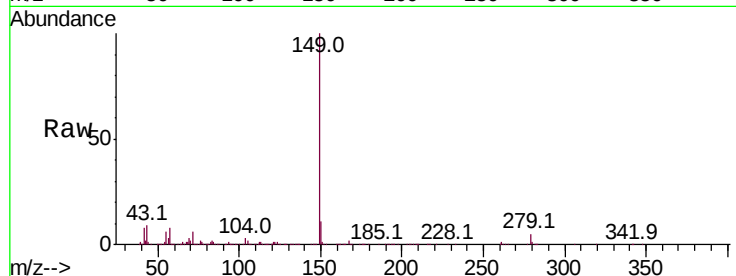
149 100

167 1.7 1.3 1.9

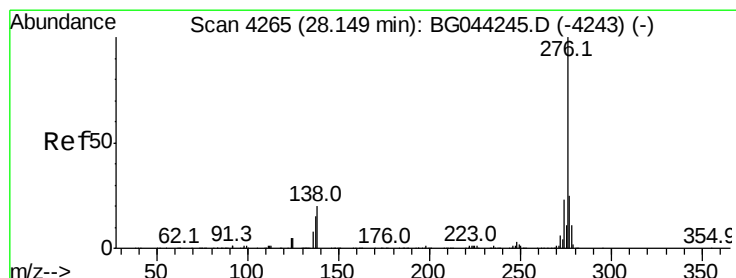
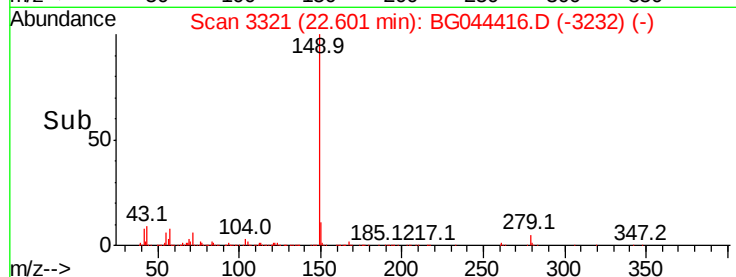
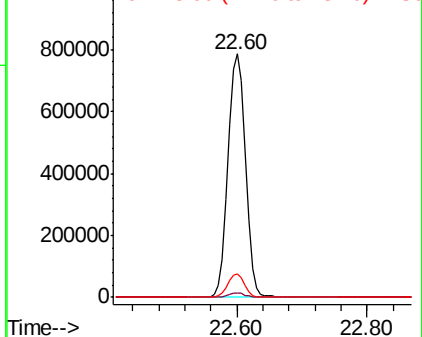
43 9.2 7.4 11.0

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.210 ng

RT: 28.12 min Scan# 4261

Delta R.T. 0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

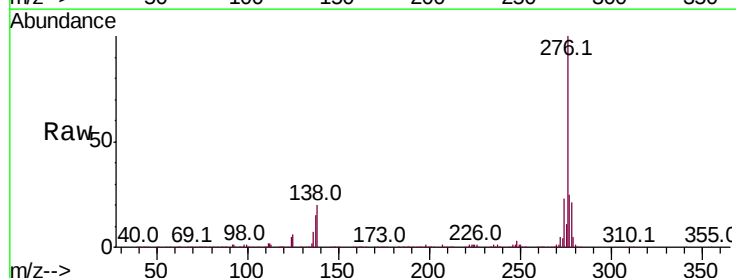
Tgt Ion:276 Resp: 1600273

Ion Ratio Lower Upper

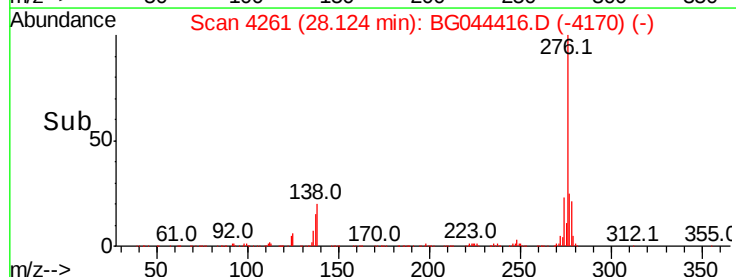
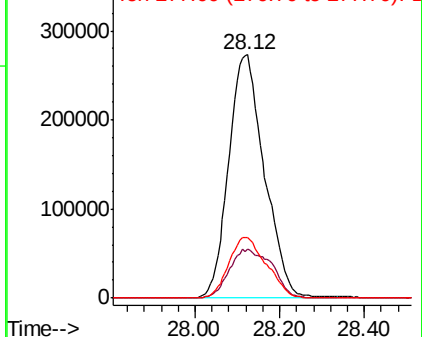
276 100

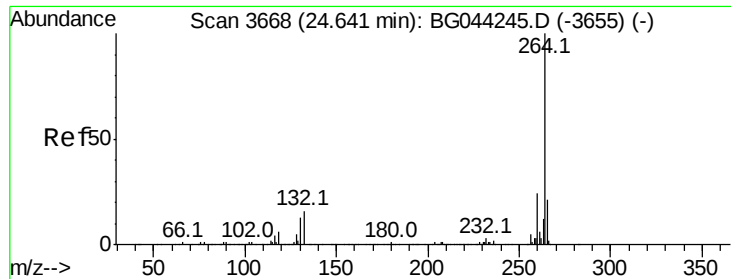
138 24.0 19.4 29.0

277 26.3 21.0 31.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.62 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Instrument :

BNA_G

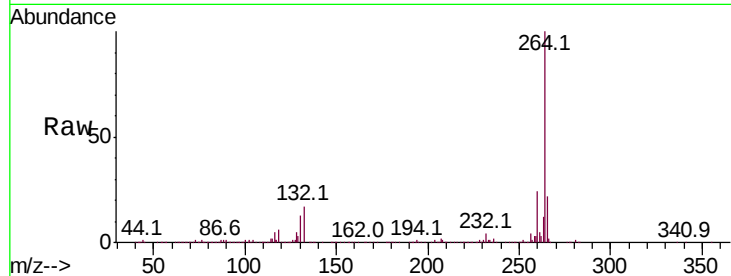
ClientSampleId :

SB-2I-(13.5-15.5)MS

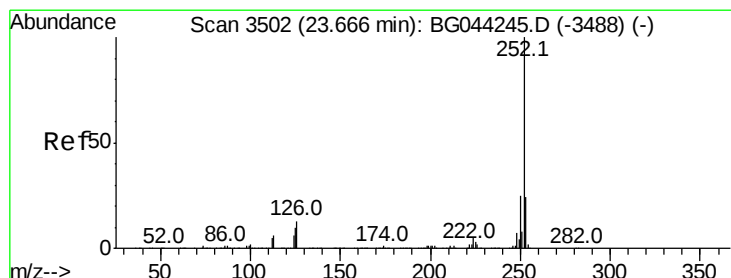
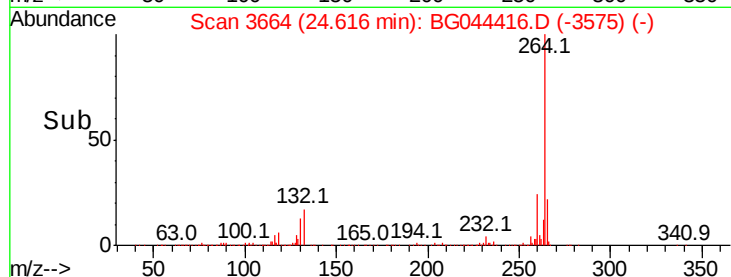
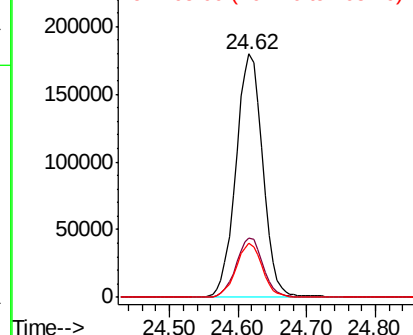
Tot Ion:	264	Resp:	488650
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.2
265	22.0	16.7	25.1

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.182 ng

RT: 23.65 min Scan# 3499

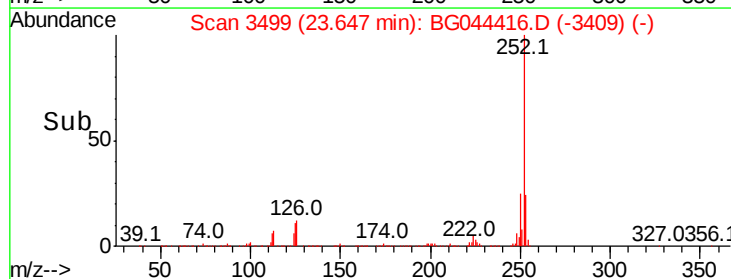
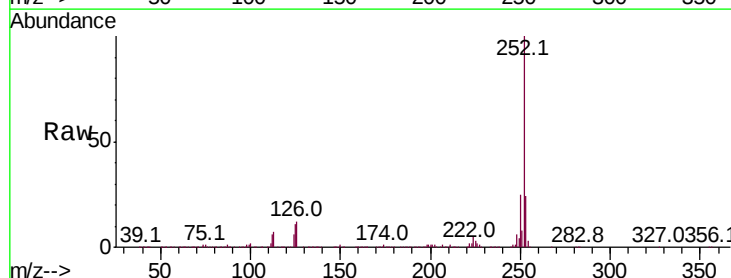
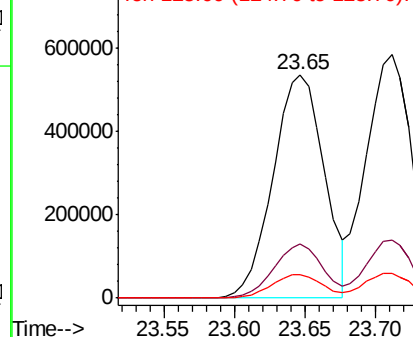
Delta R.T. 0.00 min

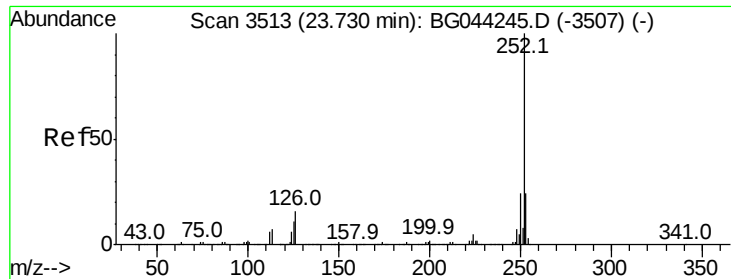
Lab File: BG044416.D

Acq: 12 Feb 2020 19:47

Tgt Ion:	252	Resp:	1356696
Ion Ratio	Lower	Upper	
252	100		
253	24.1	19.2	28.8
125	10.6	8.4	12.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





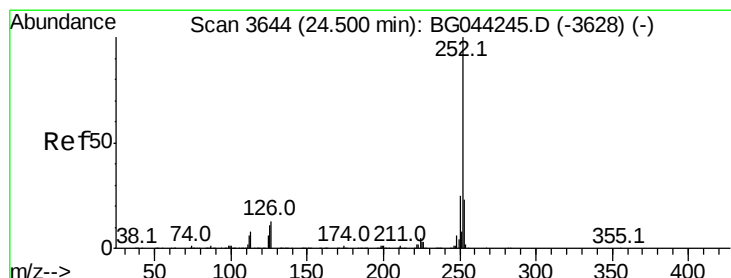
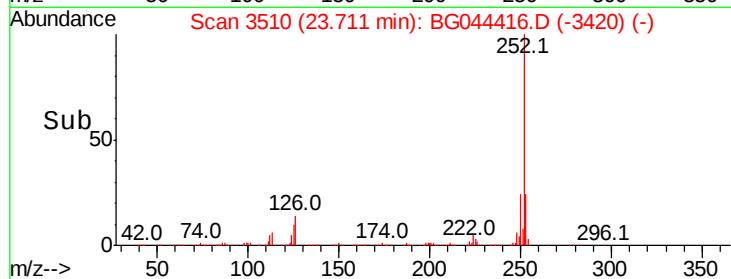
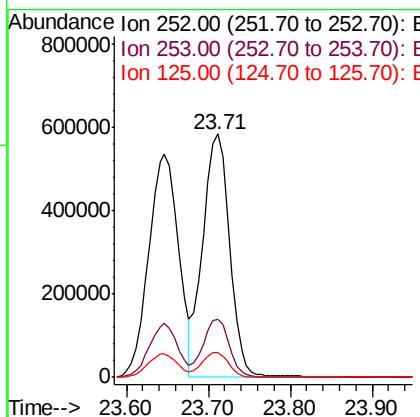
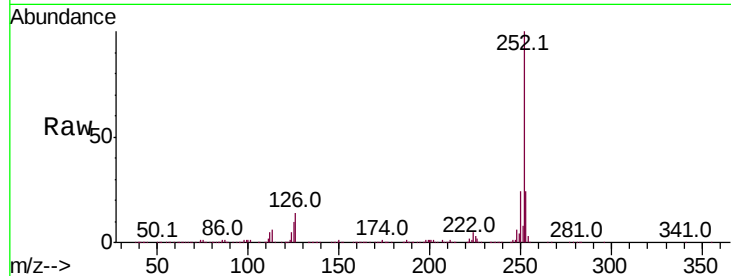
#89
Benzo(k)fluoranthene
Concen: 48.824 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.1	28.7
125	10.4	8.6	12.8

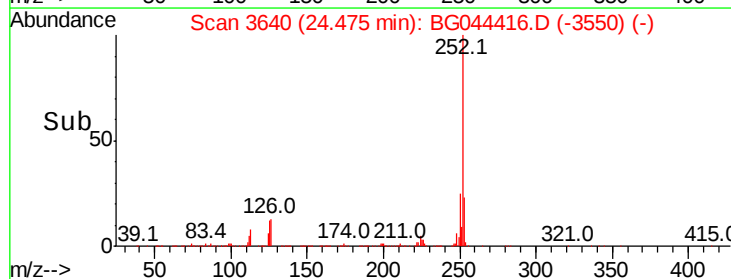
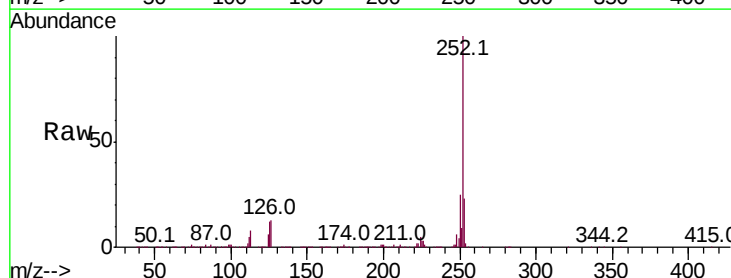
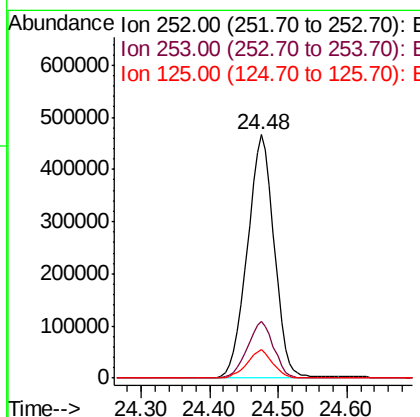
Manual Integrations
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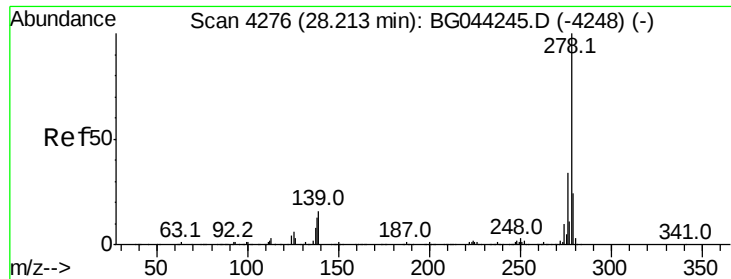
mohammad
2/13/2020 3:33:55 PM



#90
Benzo(a)pyrene
Concen: 47.752 ng
RT: 24.48 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.9	8.6	13.0





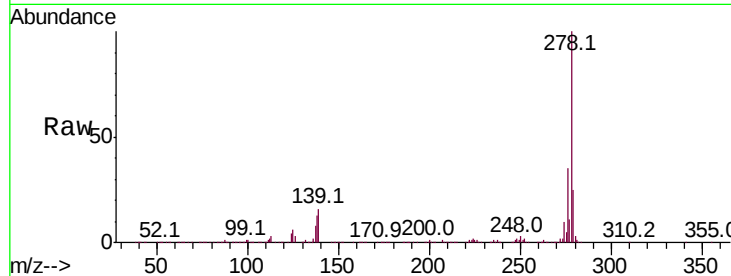
#91
Dibenzo(a,h)anthracene
Concen: 49.597 ng
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Instrument :
BNA_G
ClientSampleId :
SB-2I-(13.5-15.5)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	25.2	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/13/2020 3:33:55 PM

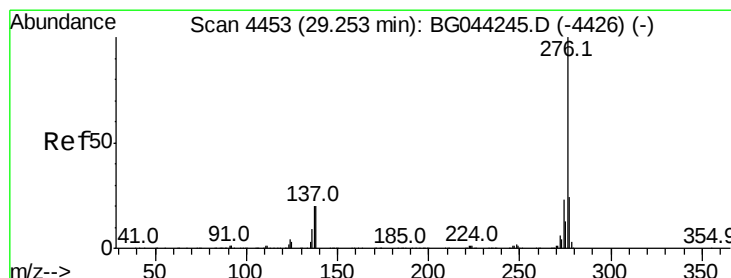
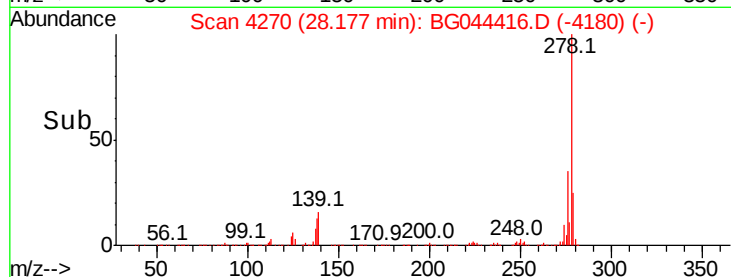
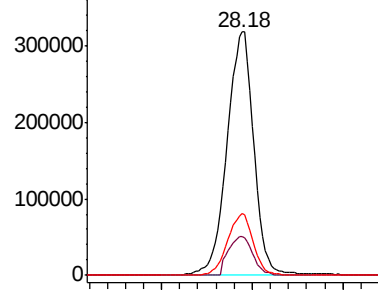


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.742 ng
RT: 29.21 min Scan# 4446
Delta R.T. 0.01 min
Lab File: BG044416.D
Acq: 12 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	20.8	16.2	24.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

